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FLEET WEATHER FACILITY SUITLAND MD
EASTERN ARCTIC SEA ICE ANALYSIS 1972-1975.(U)
JUN 76

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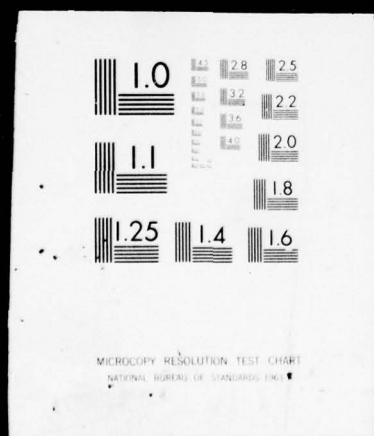
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EASTERN ARCTIC SEA ICE ANALYSES

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1972-1975

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The U.S. Navy has a long and colorful history of polar exploration and currently is an active participant in the growing national activity in the Arctic and Antarctic. The strategic importance and increased demand for the natural resources of these areas has resulted in a greater requirement for environmental information.

Until a few years ago, reliable sea ice information in the polar regions was based on a relatively few shore station and ship reports augmented by limited aerial reconnaissance data. These data were further restricted to the relatively small areas observed primarily during the ship operating season. The principal aim of this publication is to provide operators and researchers with historical weekly hemispheric analyses of sea ice conditions derived principally from satellite imagery supplemented by conventional observations.

The advent of high resolution satellite imagery combined with the ground truth of conventional observations has only recently provided description of the polar ice fields on a semi-synoptic scale. Since 1970, the Fleet Weather Facility at Suitland, Maryland has prepared operational analyses and forecasts of sea ice conditions in the Arctic and Antarctic for the Department of Defense and various other users. The results of these initial efforts are contained herein.

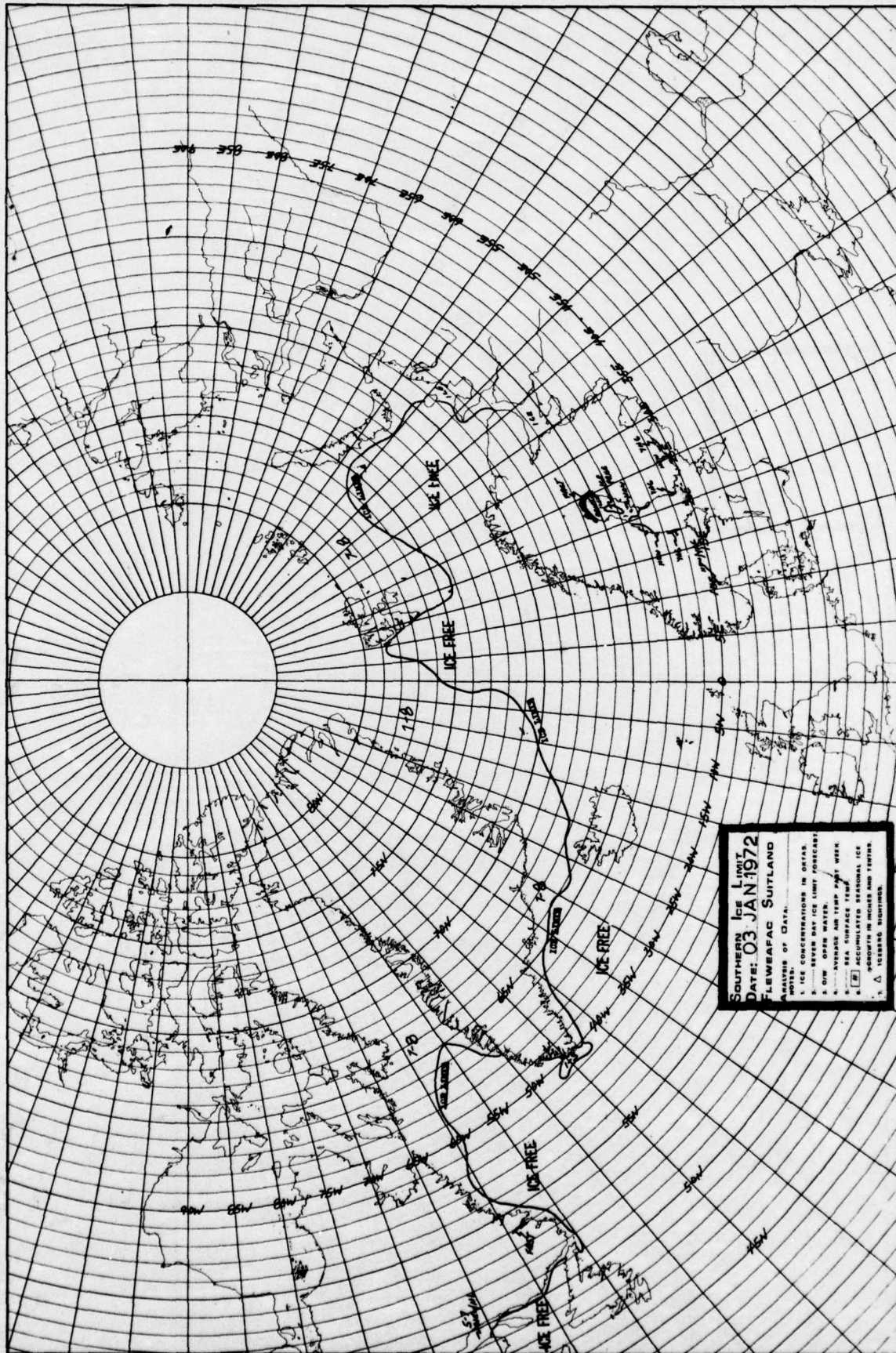
The charts were constructed by Navy ice analysts under operational time constraints from satellite imagery and conventional data. Reanalysis with late data was not normally attempted; rather the current analysis was prepared incorporating this to the extent possible. The analysis was compared with available climatology in an attempt to eliminate gross errors. Scanning radiometer imagery, visual and infrared, from the National Oceanic and Atmospheric Administration (NOAA) satellites and microwave radiometer data from the NIMBUS V research satellite were the primary data sources. Limited use of the Earth Resources LANDSAT and Defense Meteorological Satellite Program (DMSP) imagery as well as conventional observations were utilized. The 19.35 GHZ microwave radiometer with 25 kilometer (KM) resolution aboard NIMBUS V provided an ice edge and limited inner pack conditions. This was the basic data source during the polar night and over areas dominated by persistent cloud cover. During the seasons with adequate light, visual data from the Very High Resolution Radiometer (VHRR) with 1 KM resolution and the 4 KM resolution data from the Scanning Radiometer aboard NOAA 2, 3, and 4 satellites were utilized. Infrared radiometer data was of limited value primarily due to seasonally small water-ice temperature differences.

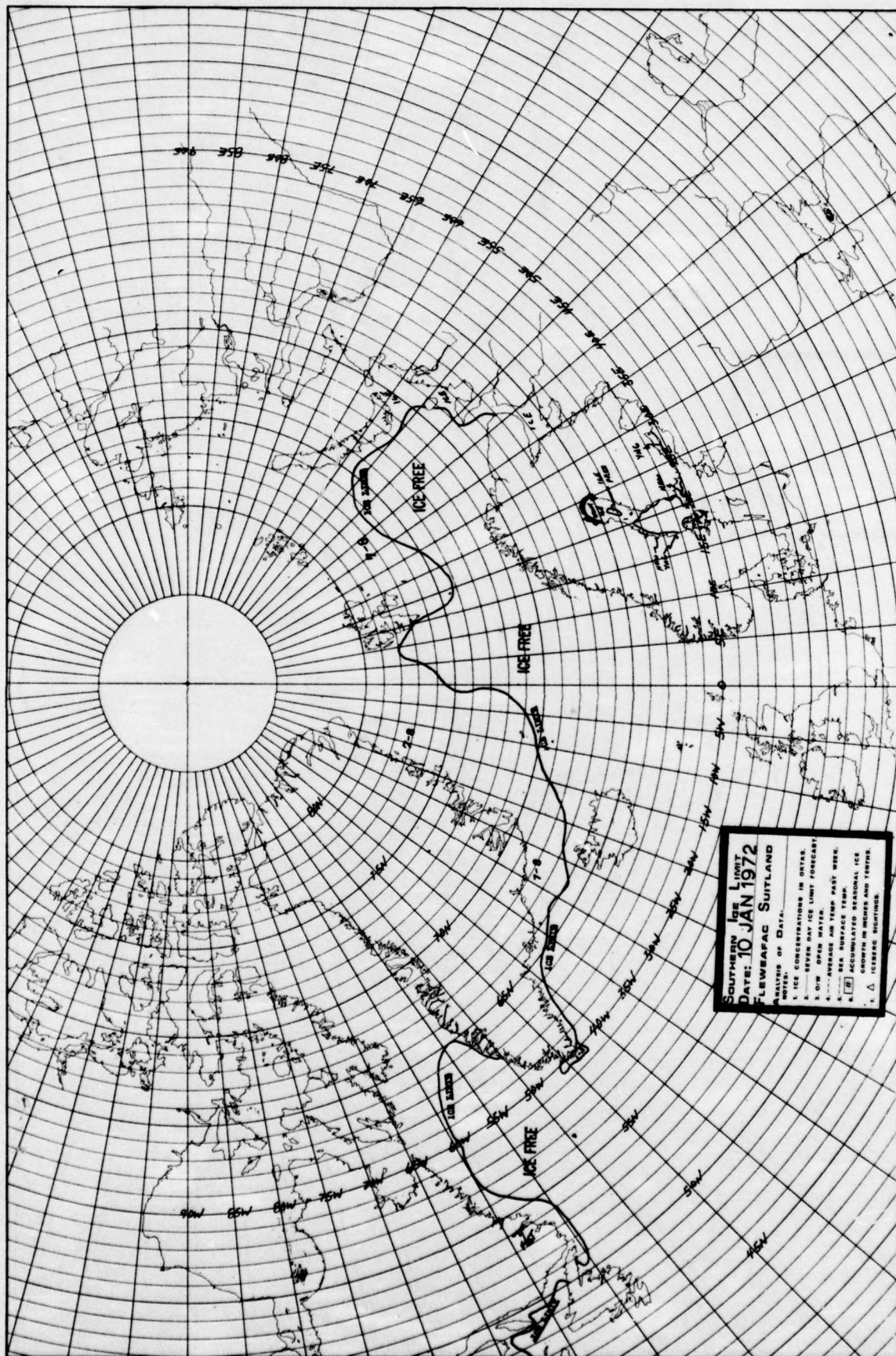
The user of this publication is reminded that the information presented reflects an initial effort prepared for operational use and should temper his application accordingly. Comments regarding any aspect of the analysis effort are welcomed.

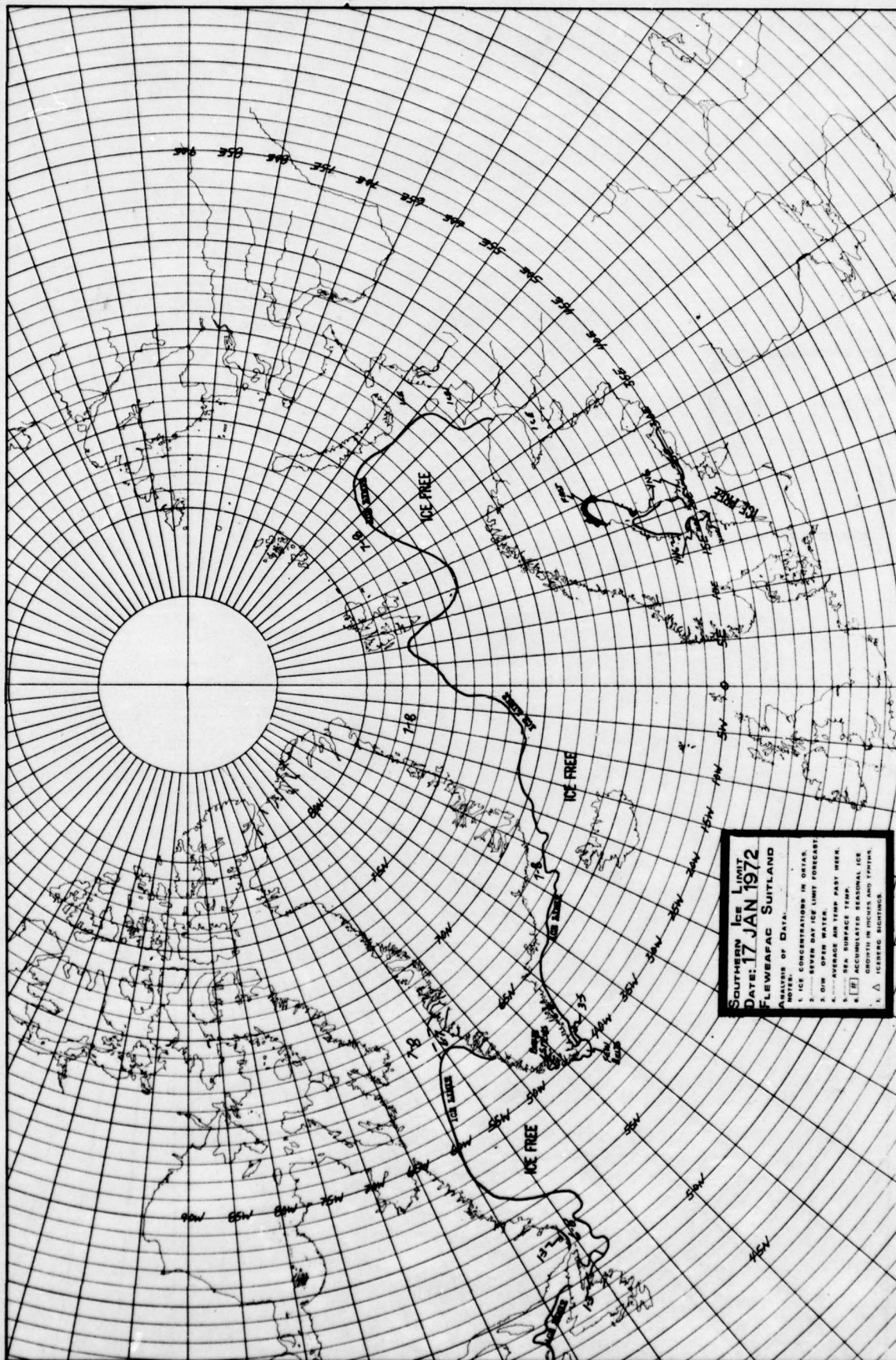
STANFORD C. BALMFORTH
Captain, U. S. Navy
Commanding Officer
Fleet Weather Facility
Suitland, Maryland

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This document presents a sequence of operational sea ice analyses prepared weekly for the Department of Defense. The analyses include the location of the ice pack edge, inner-pack ice concentrations, 7-day forecasts of the position of the ice edge, positions of major ice-bergs, and, occasionally, the ages and growth stages of the pack ice.		



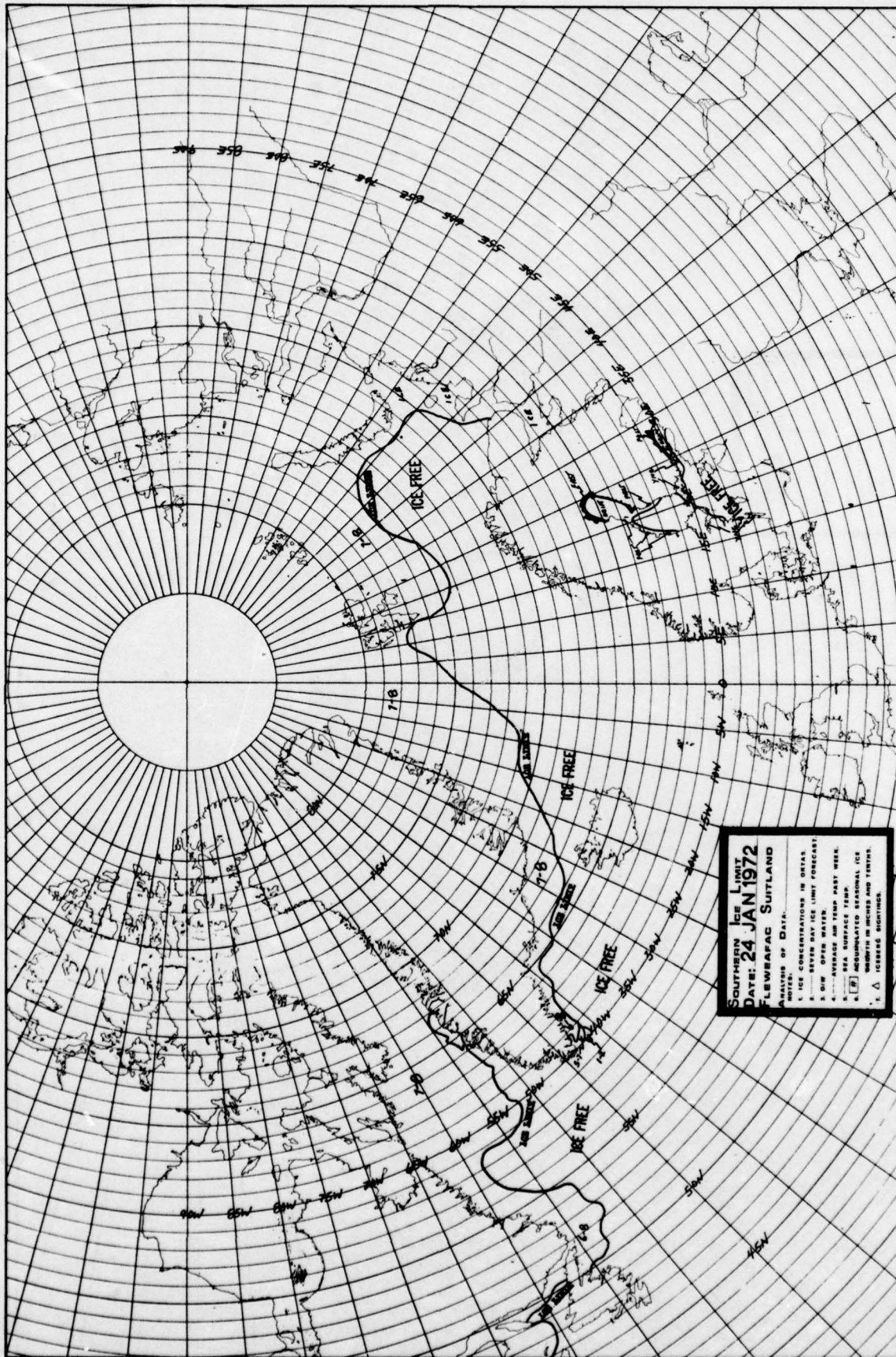


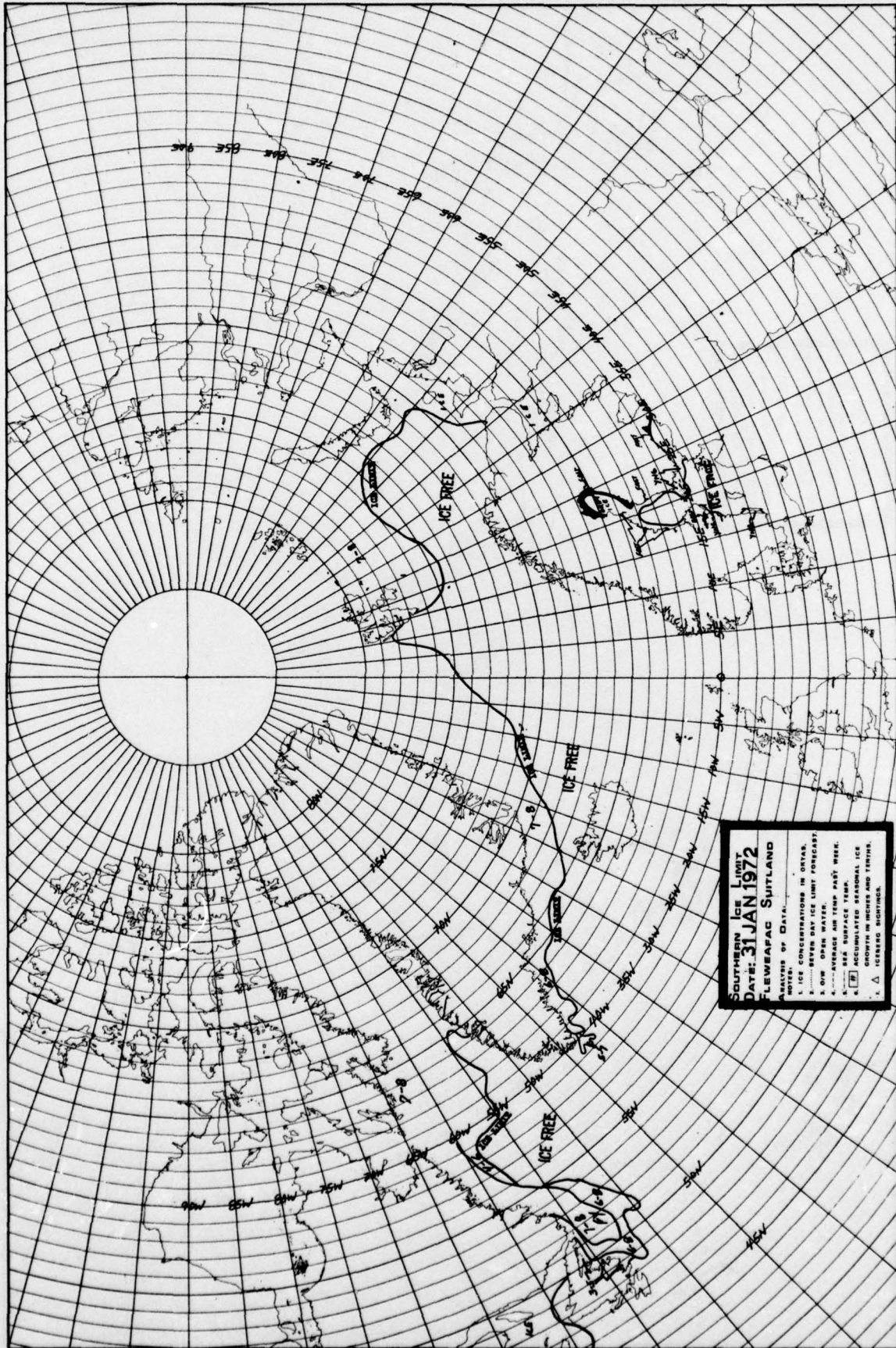


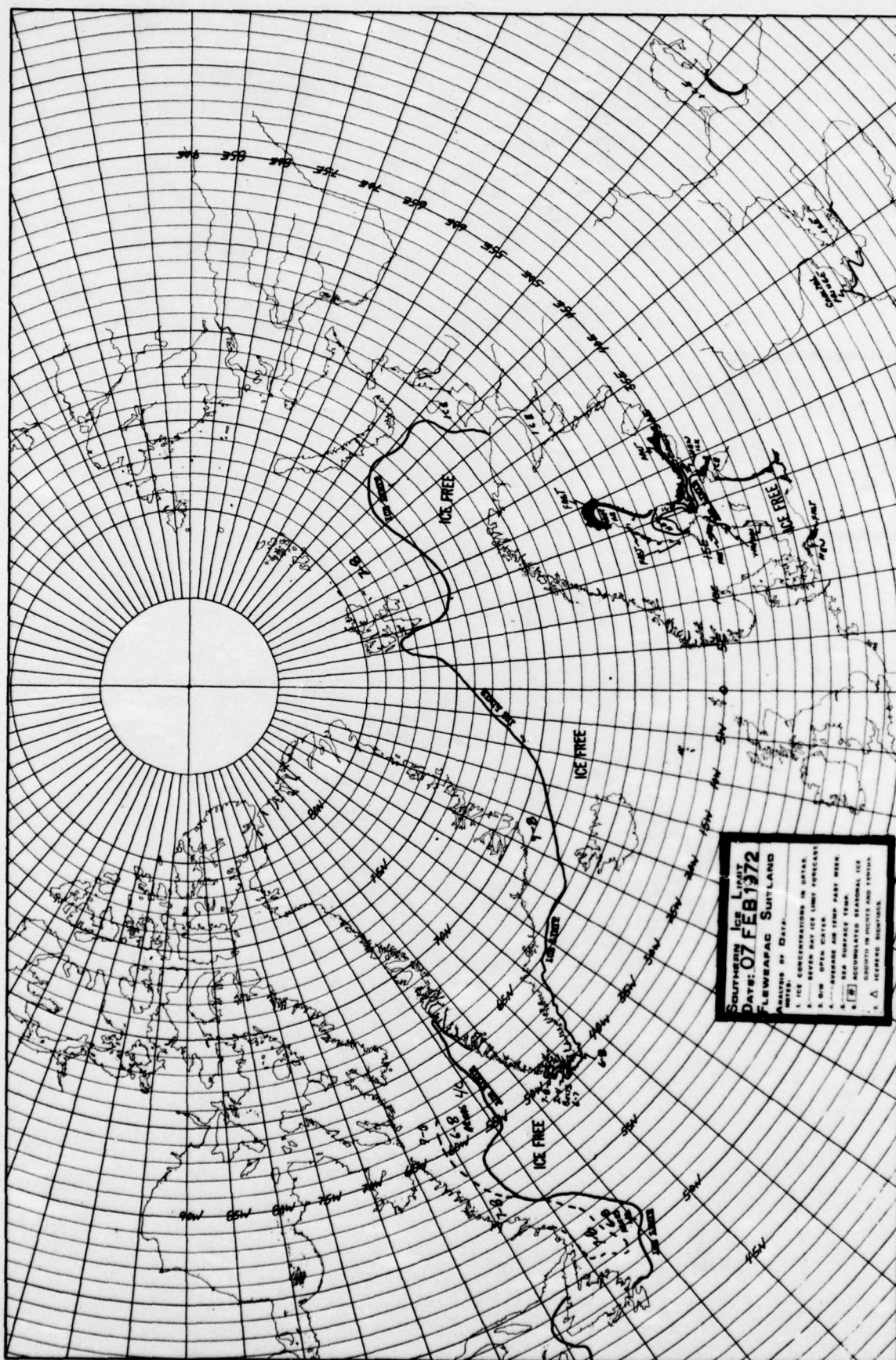
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DATE: 17 JAN 1972
FLEWELFAC SUTLAND

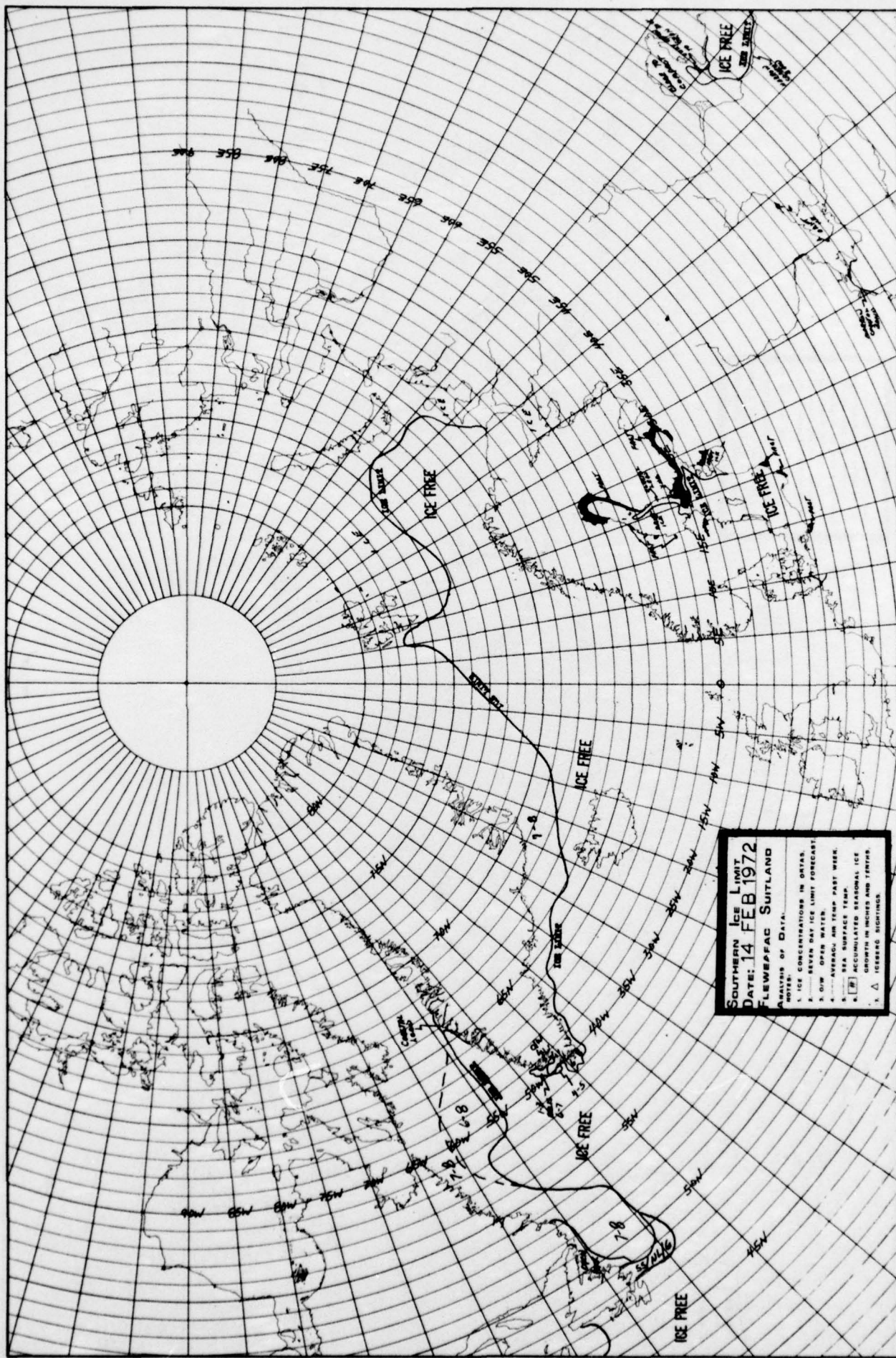
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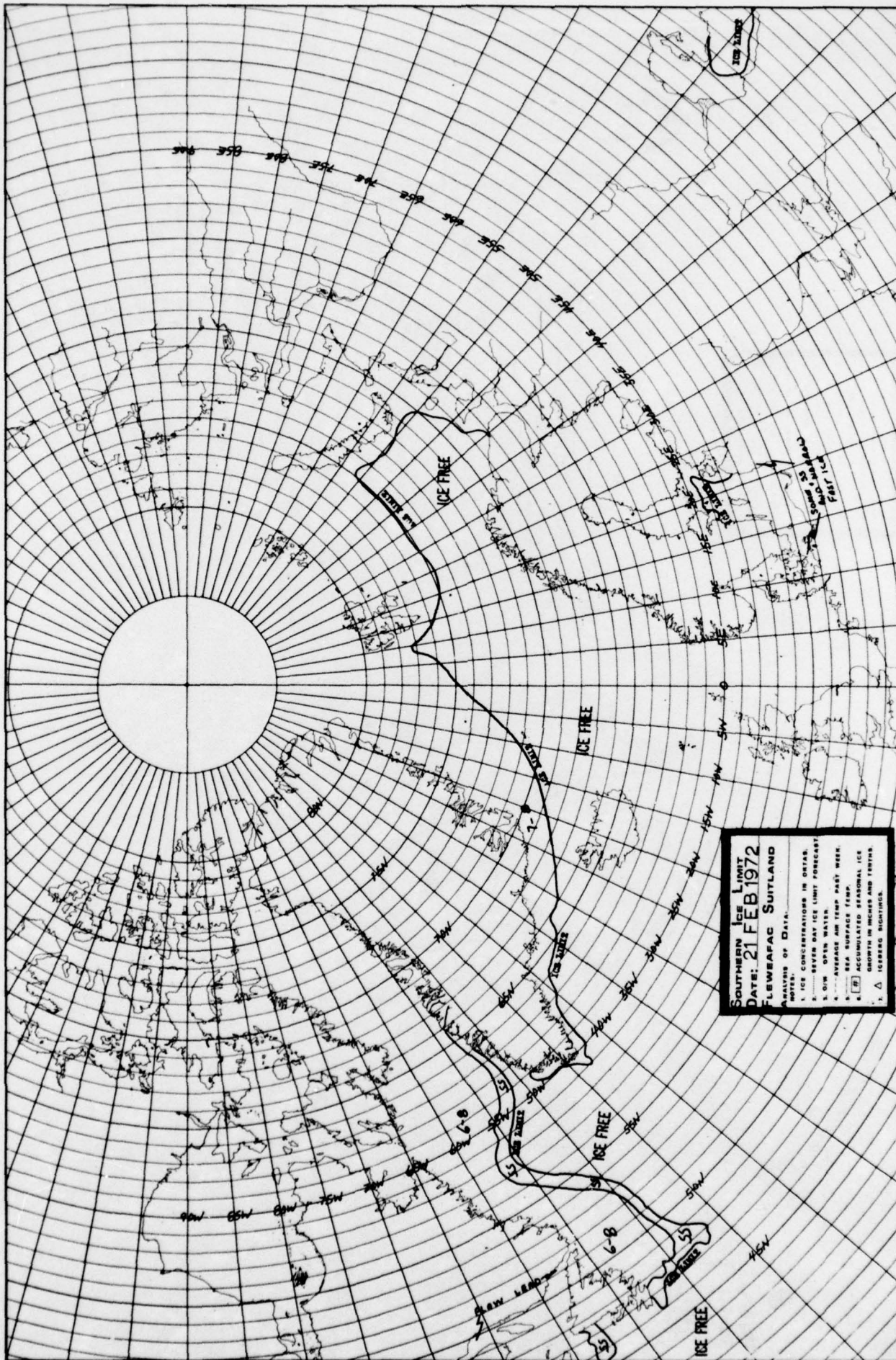
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- 2. SEVEN DAY ICE LIMIT FORECAST
- 3. OPEN WATER
- 4. AVERAGE AIR TEMP PAST WEEK
- 5. SEA SURFACE TEMP
- 6. ACCUMULATED SEASONAL ICE
- 7. ICEBERG TRACKS

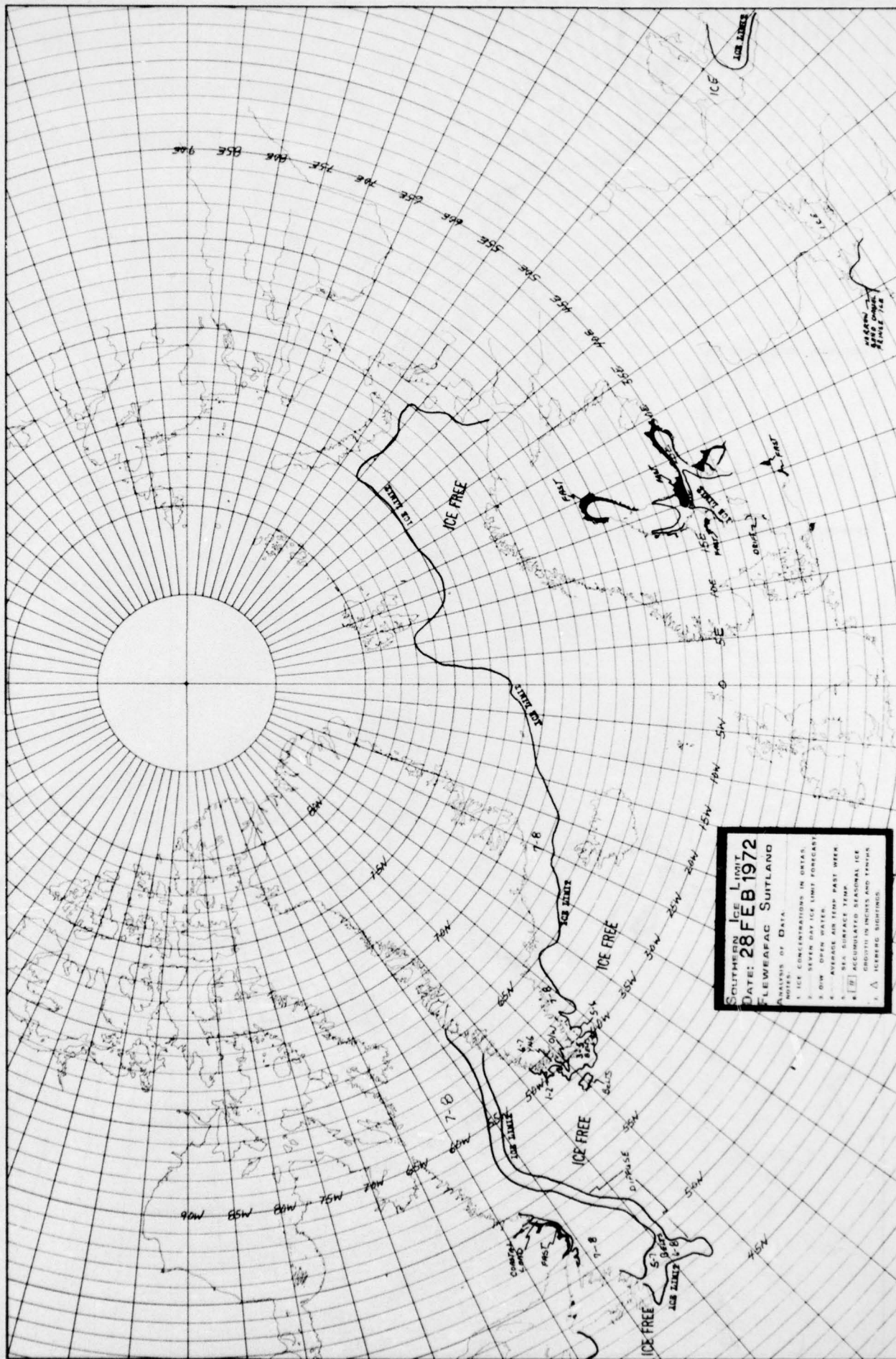


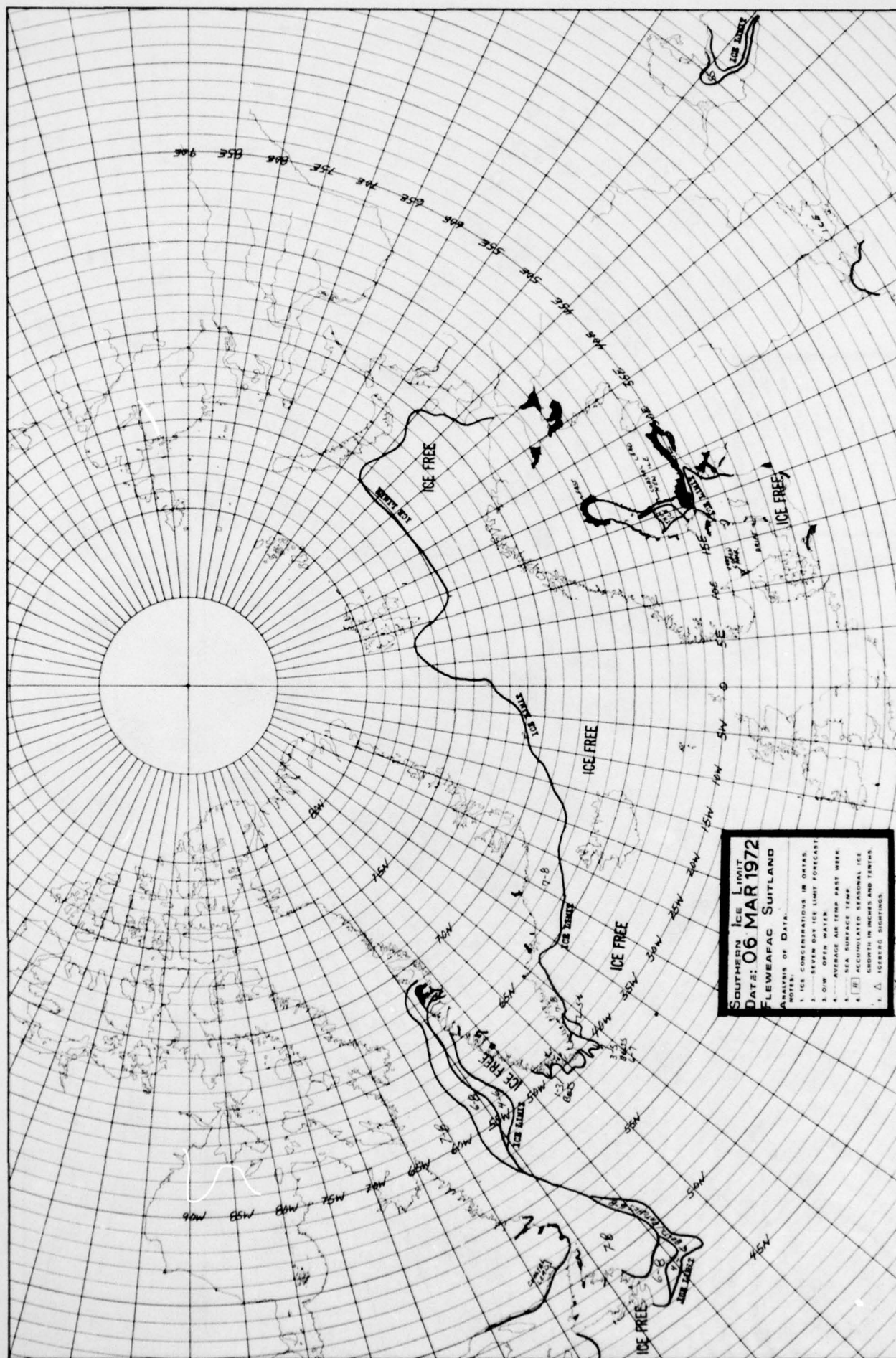


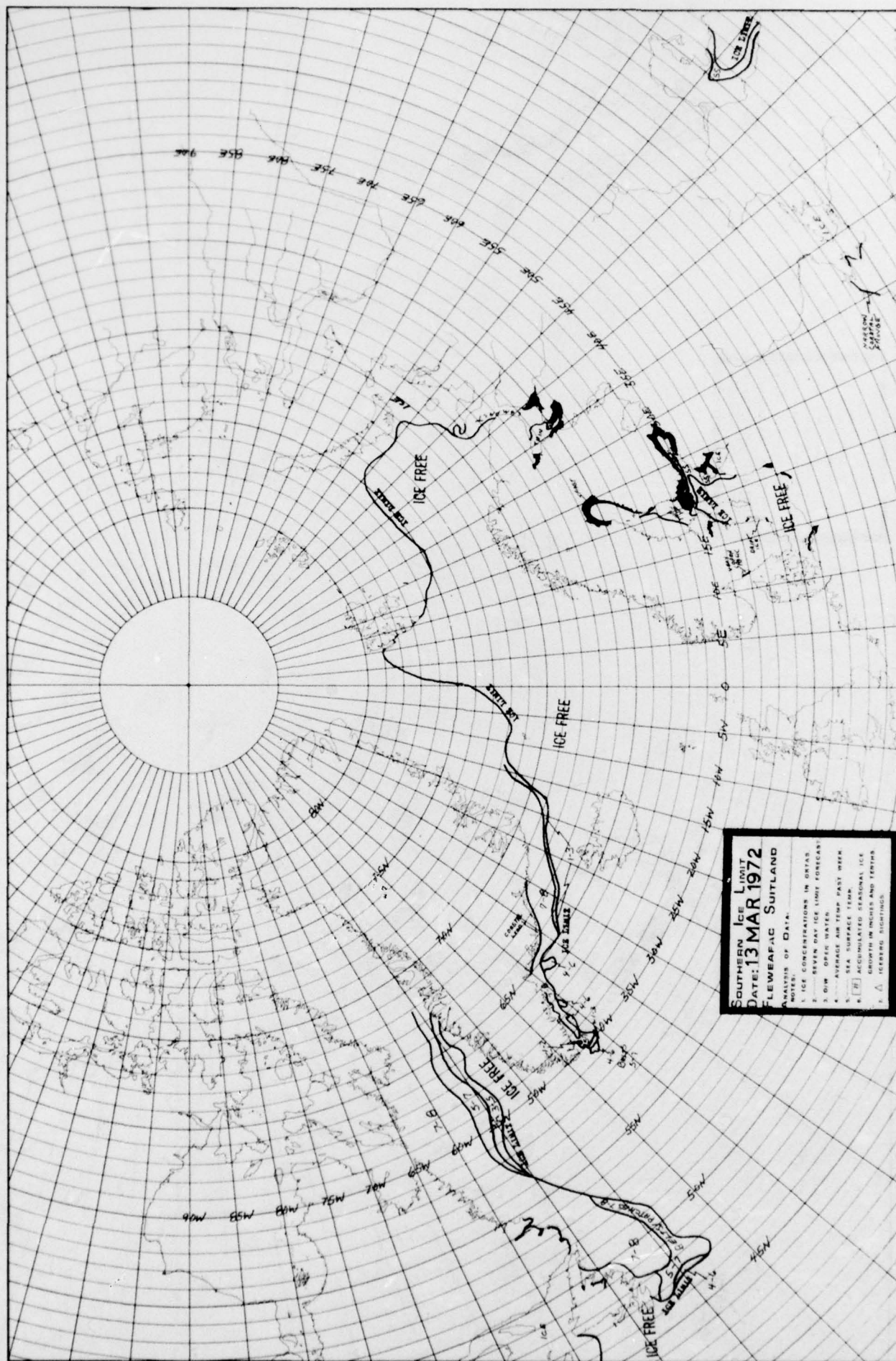


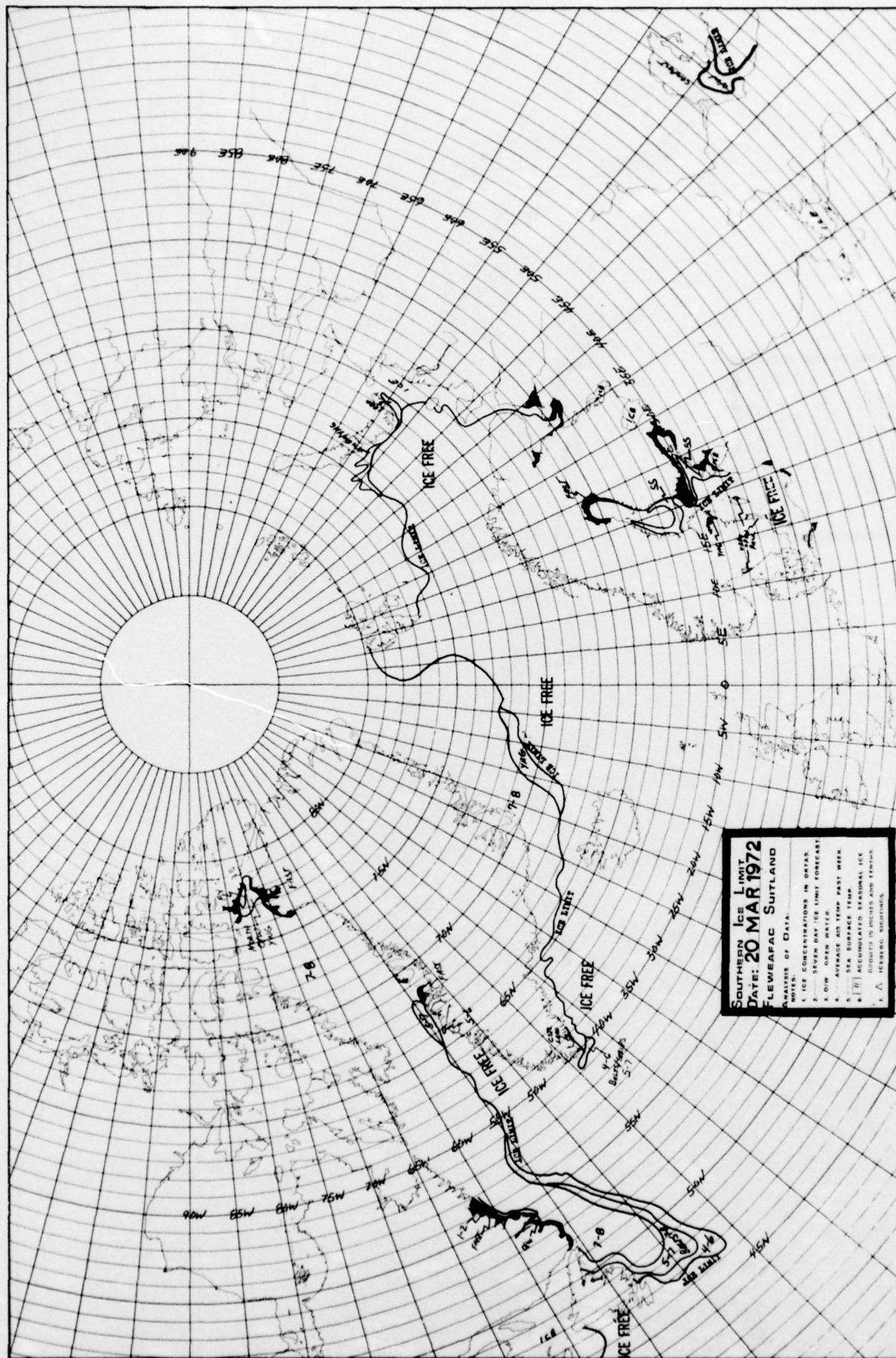


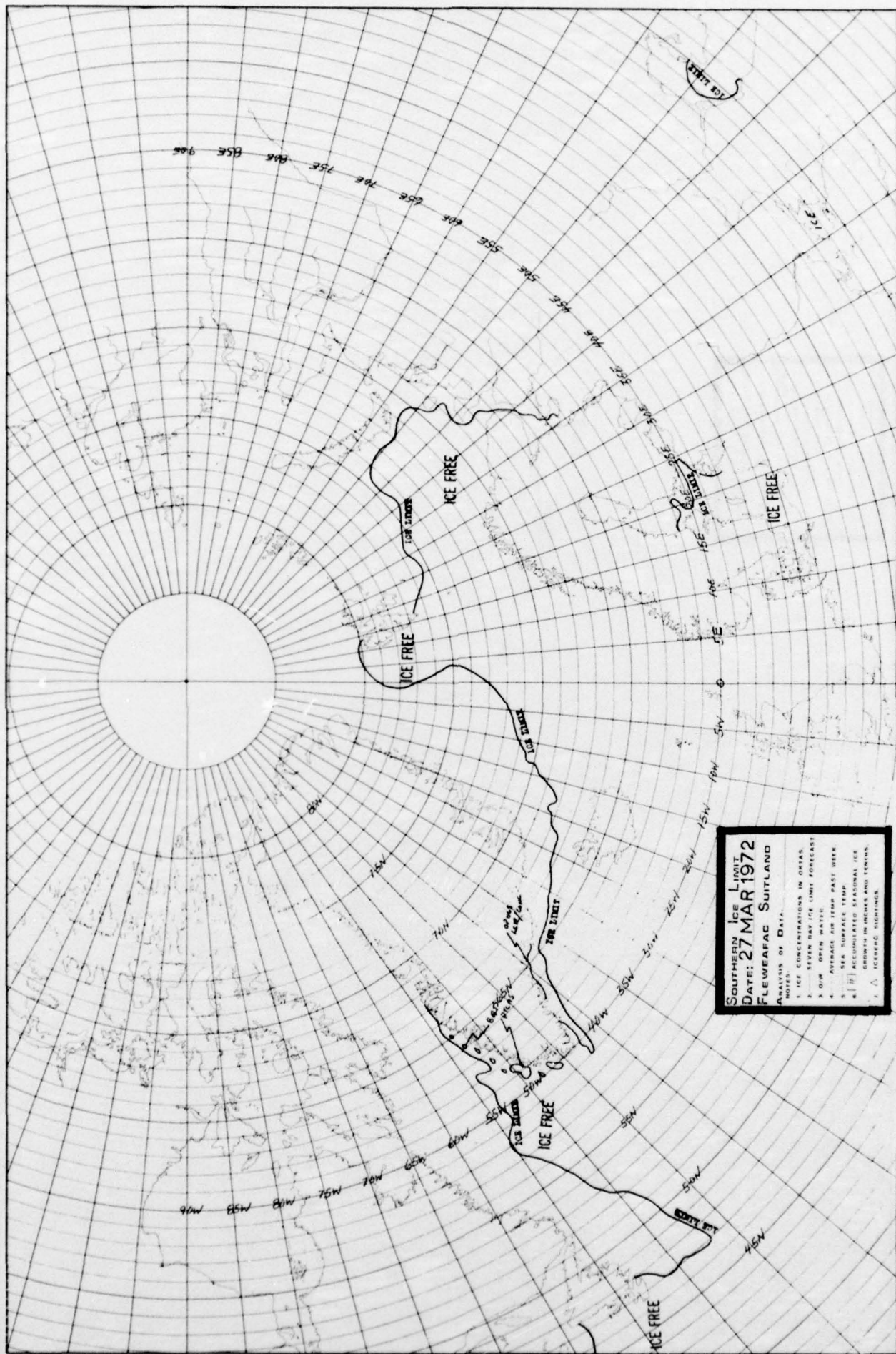


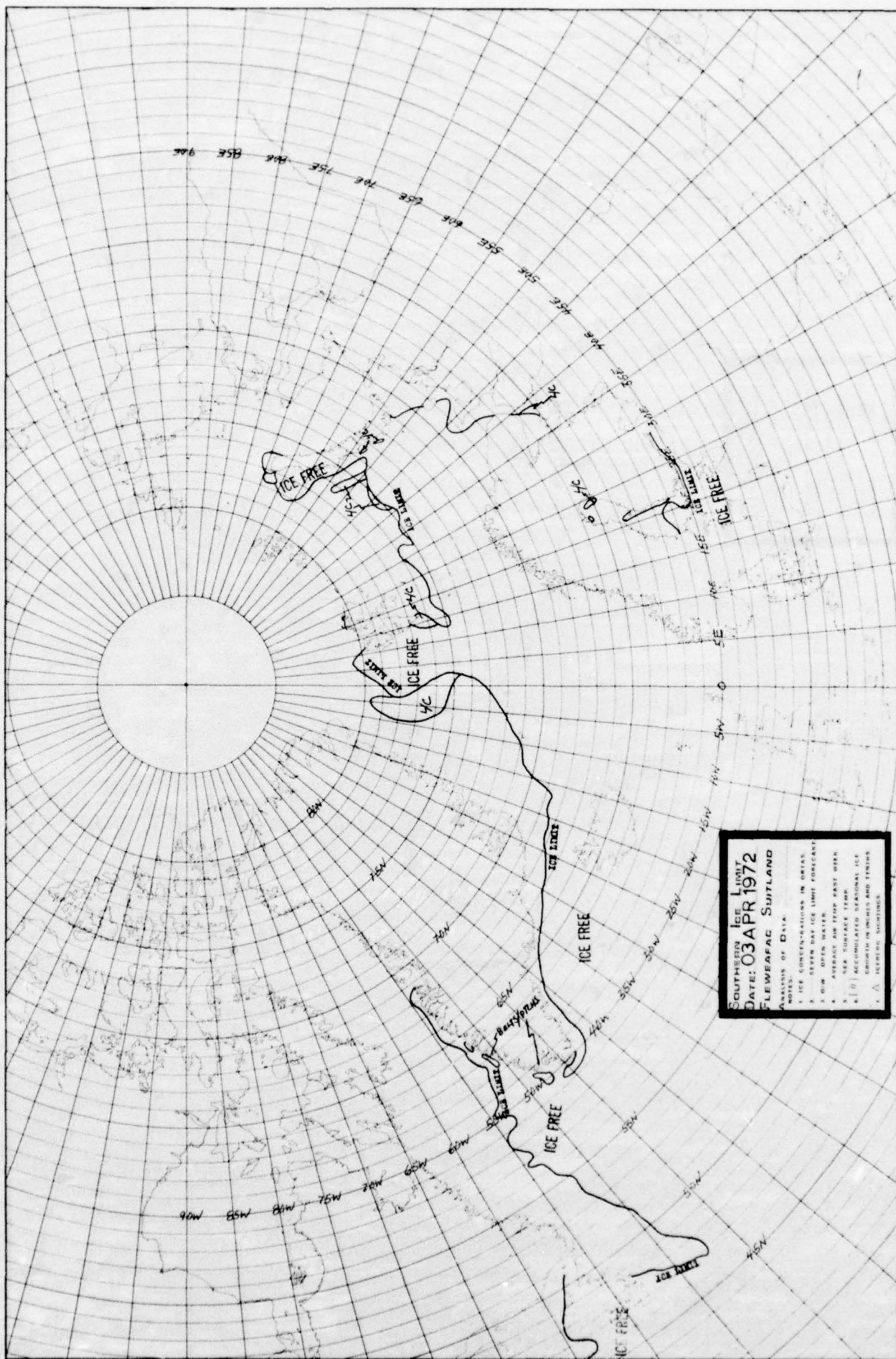


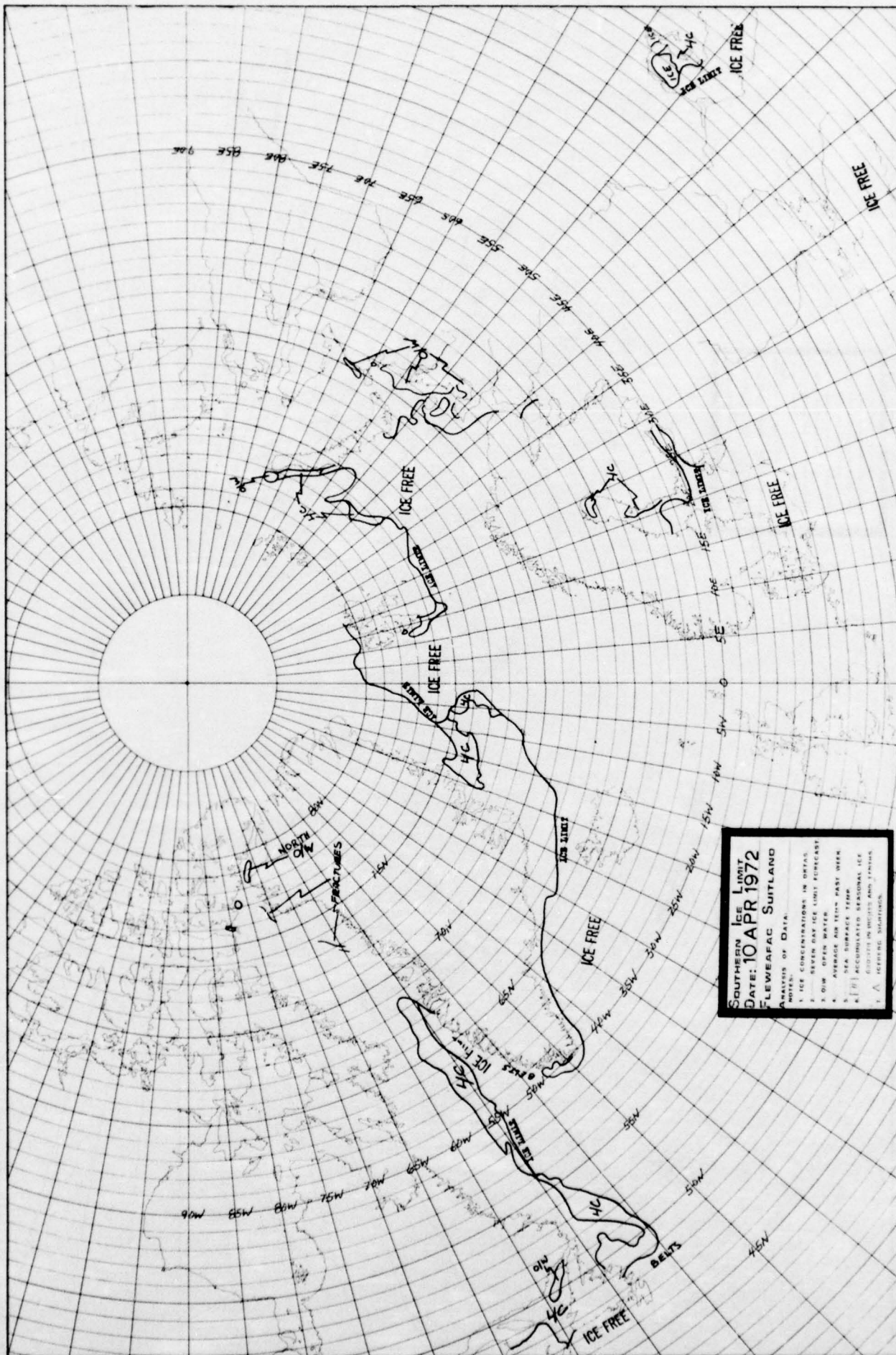


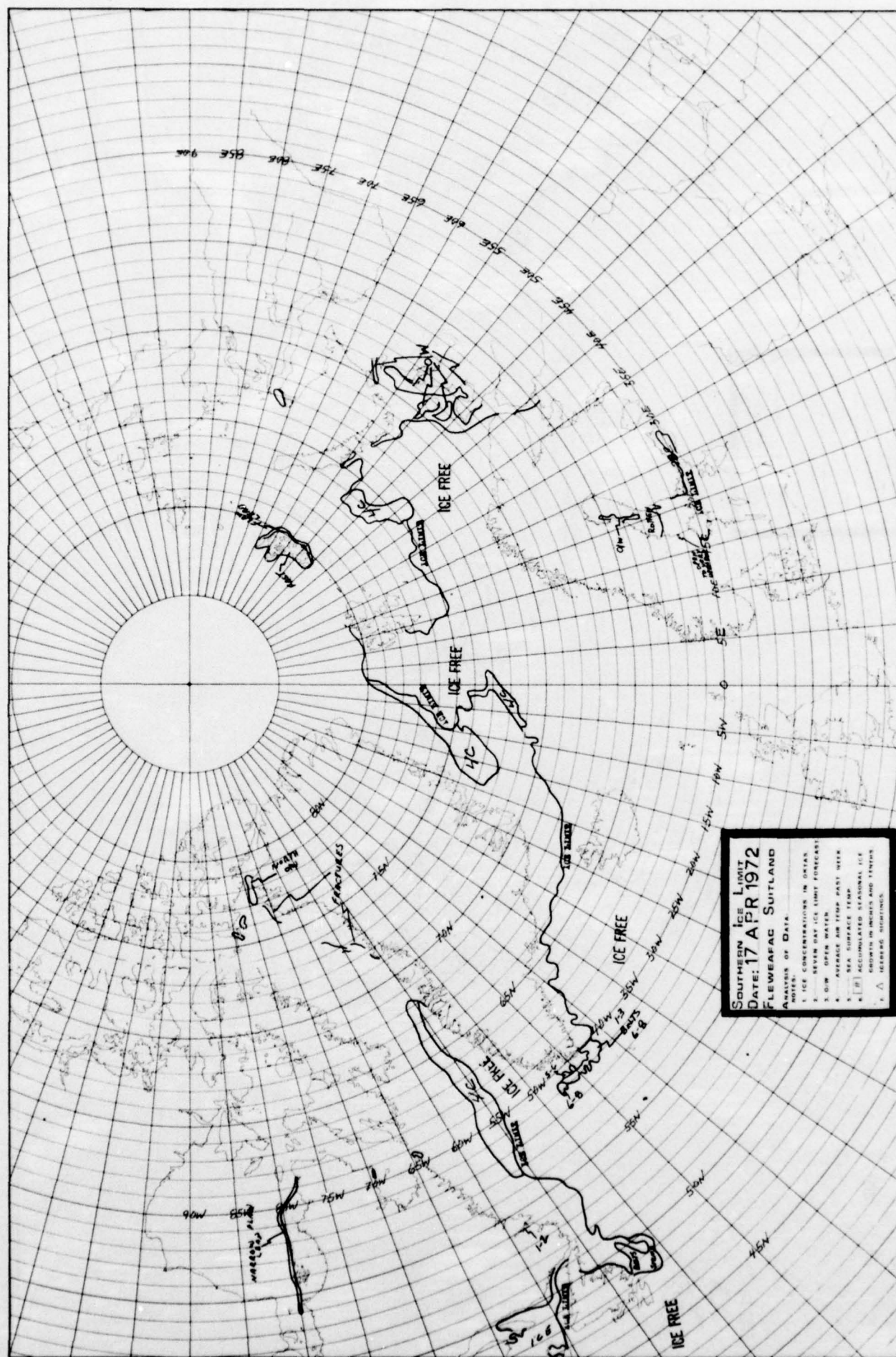


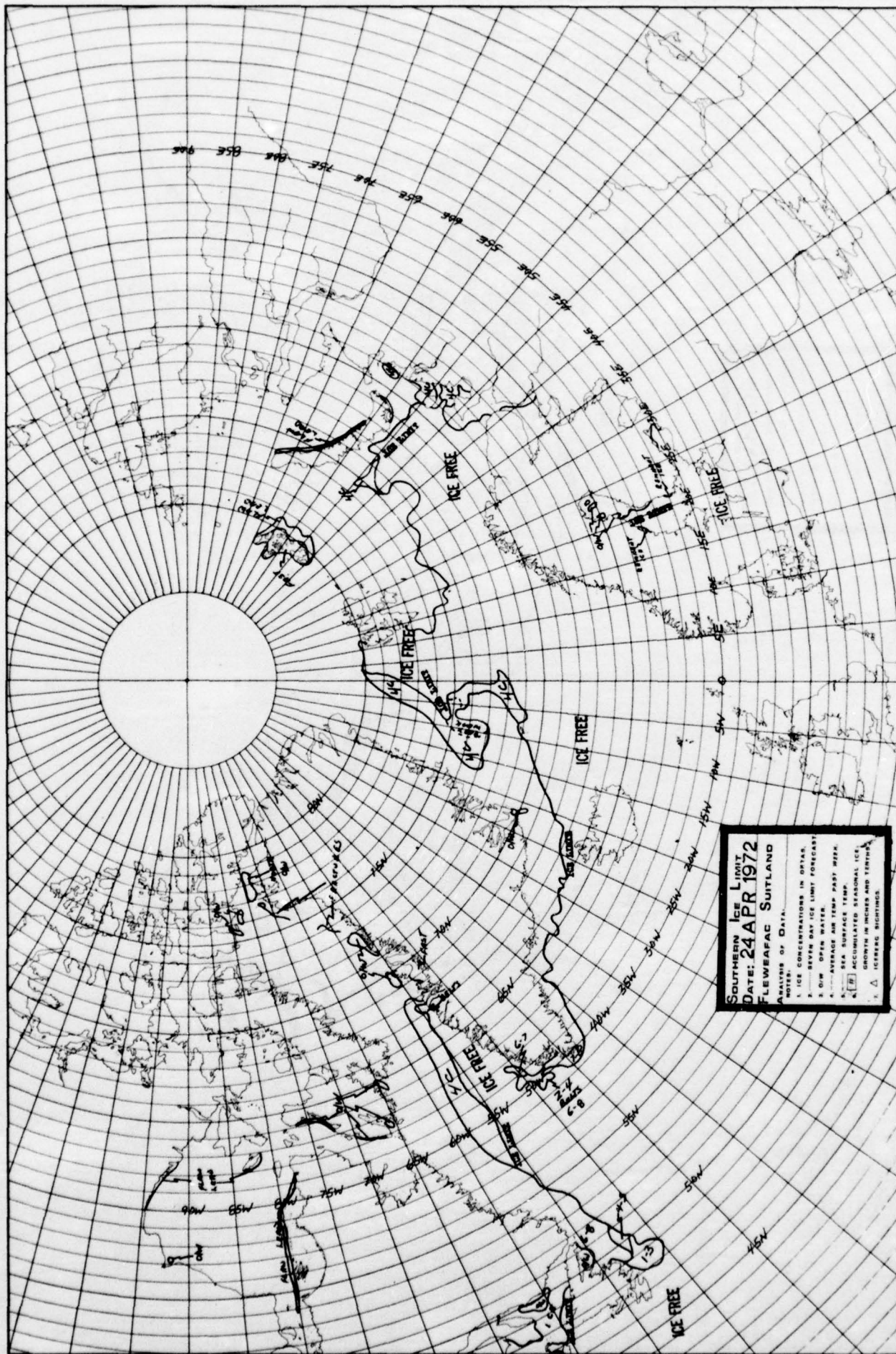


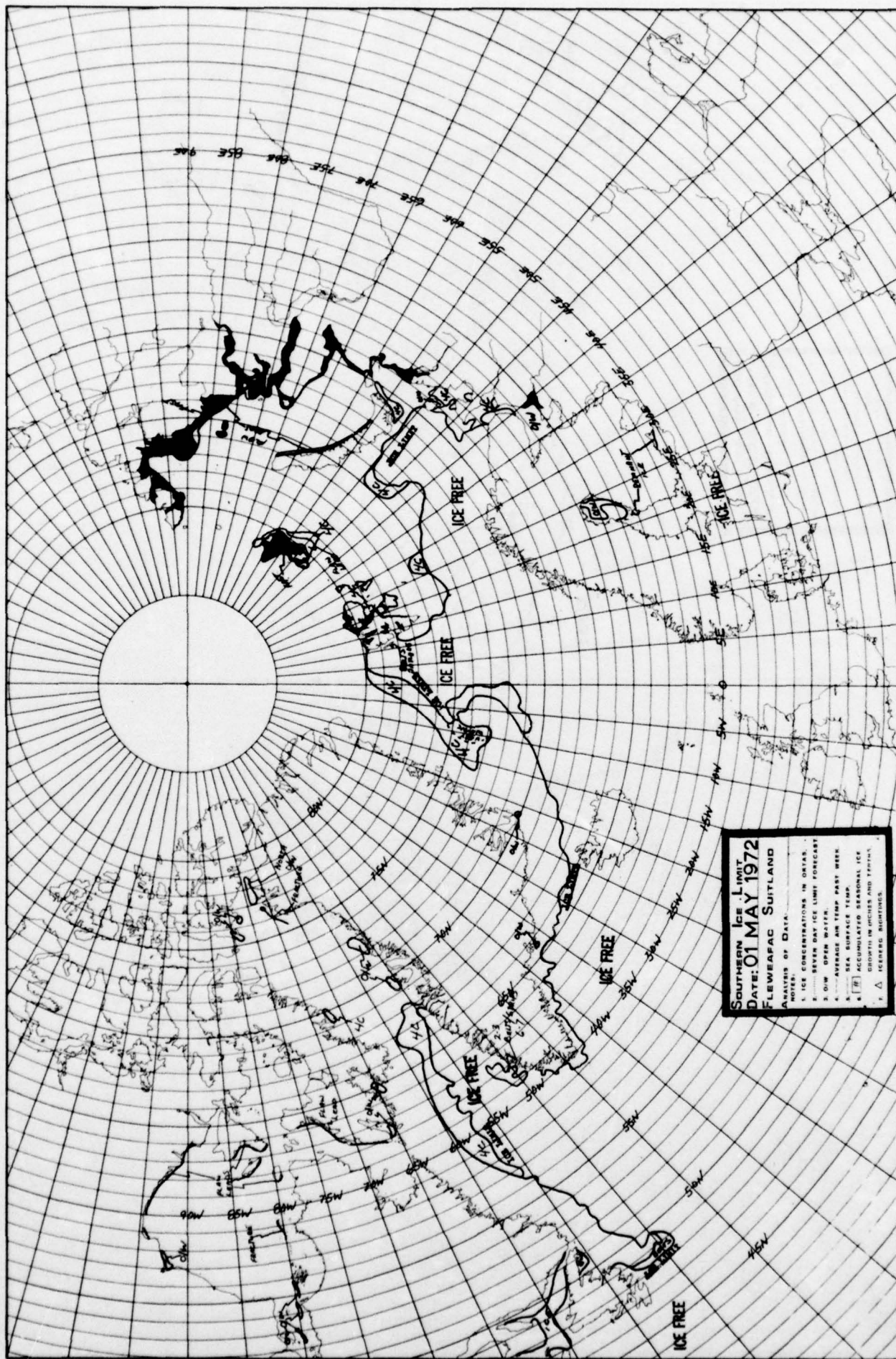


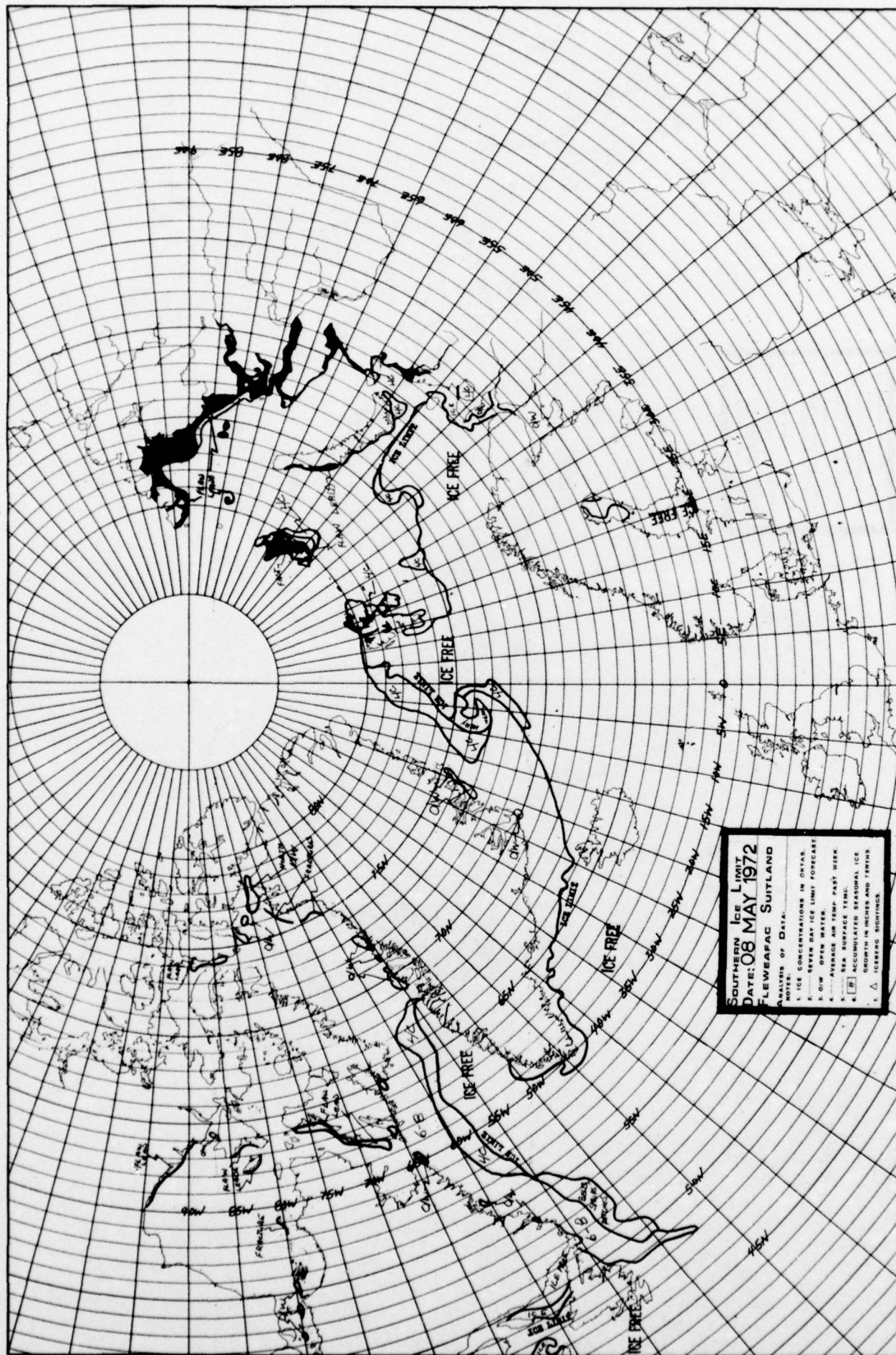


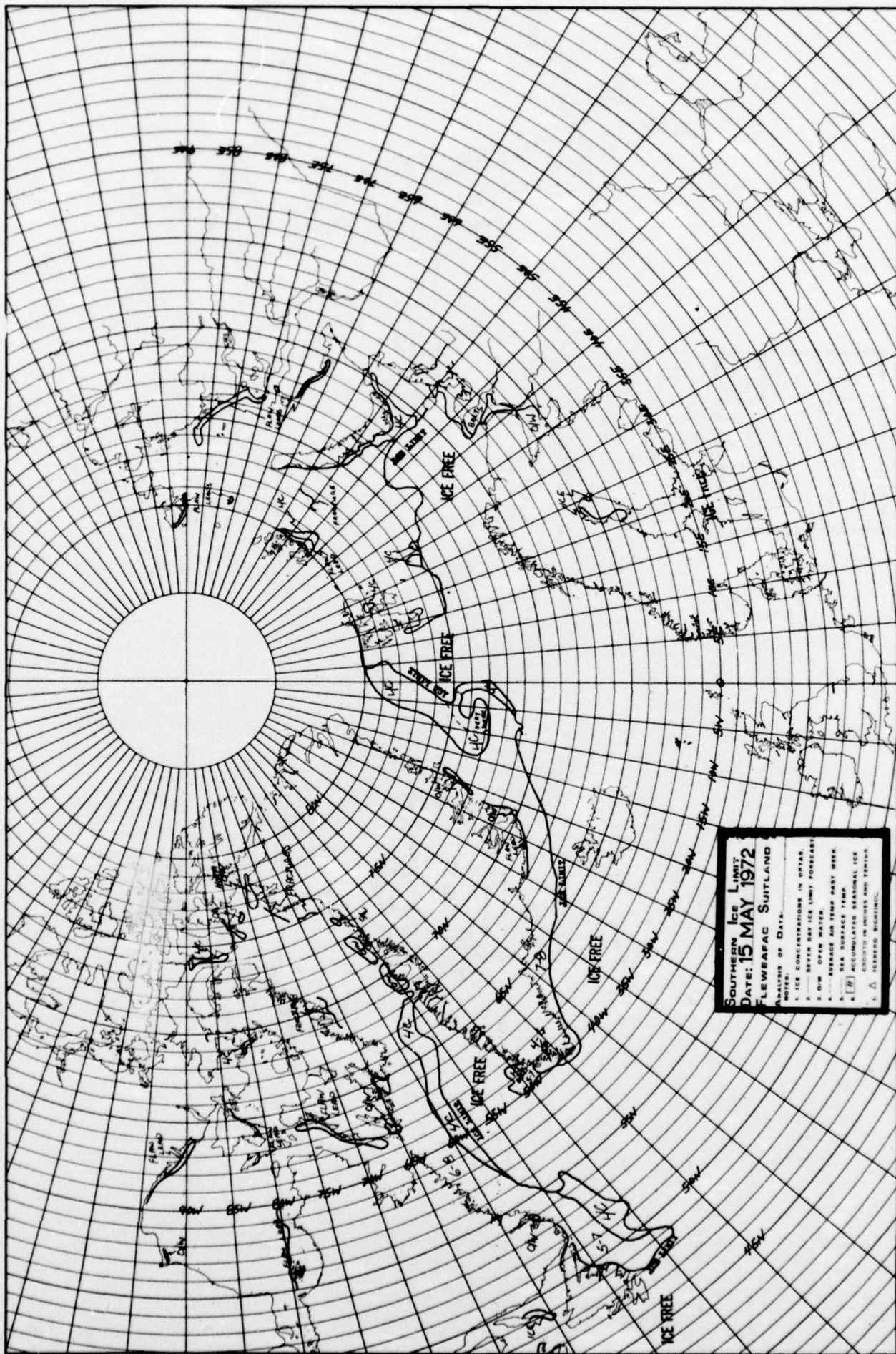


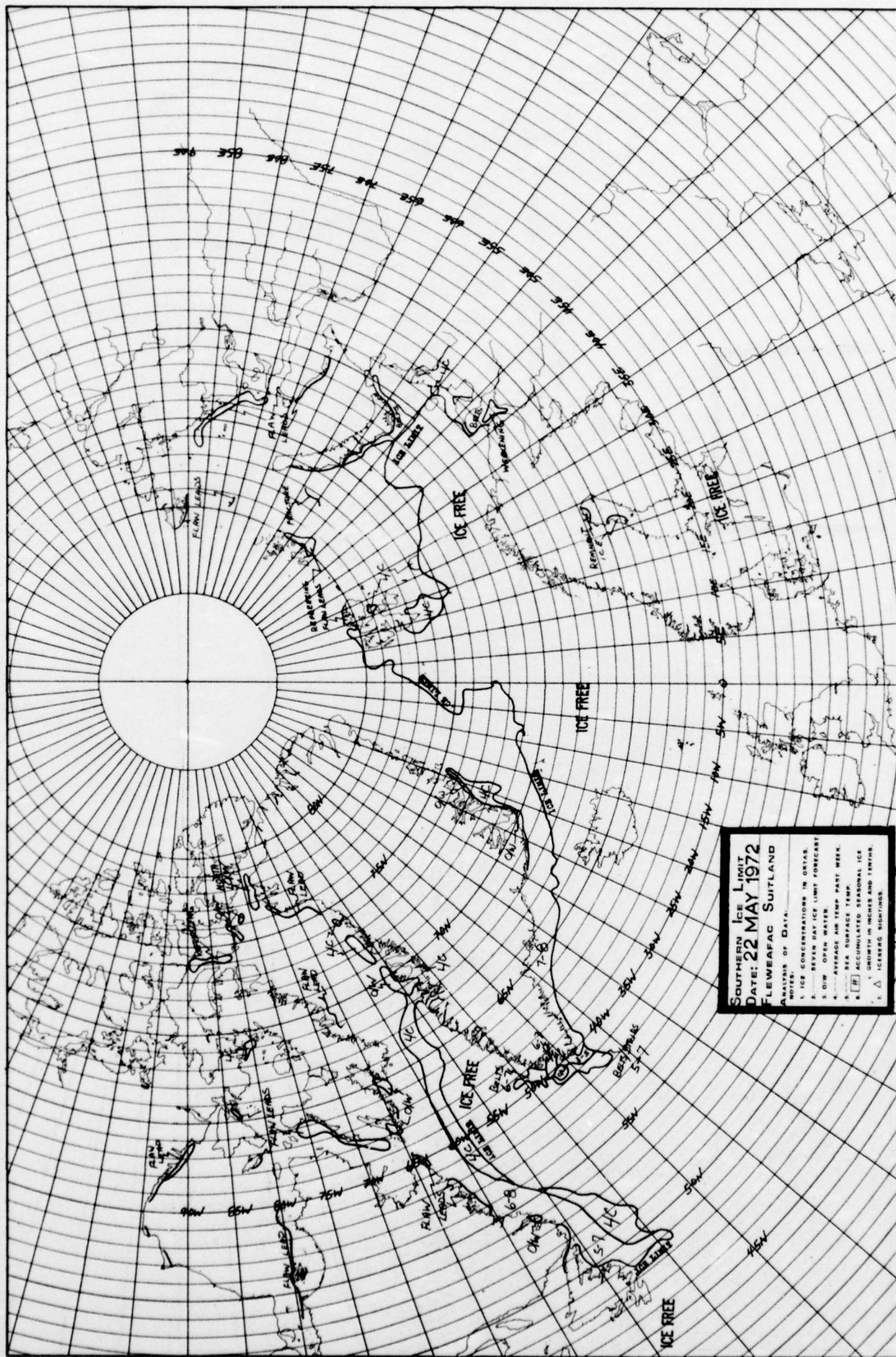






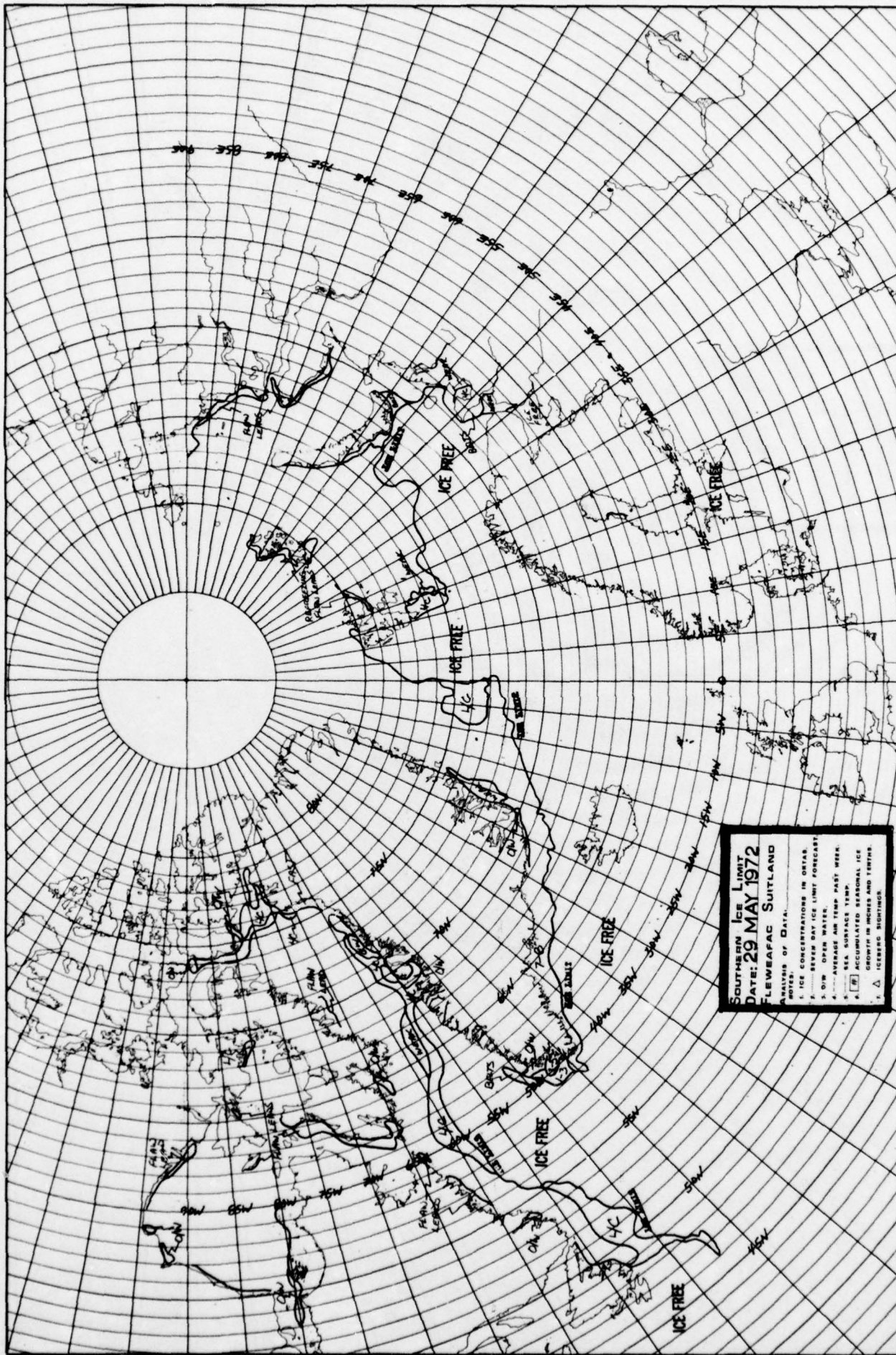






SOUTHERN ICE LIMIT
DATE: 22 MAY 1972
FLEWEAFAC SUITLAND

NOTES:
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 2. SEVEN DAY ICE LIMIT FORECAST
 3. LOW OPEN WATER
 4. AVERAGE AIR TEMP PAST WEEK
 5. SEA SURFACE TEMP
 6. ACCUMULATED SEASONAL ICE
 7. GROWTH IN INCHES AND TENTHS
 8. ICEBERG SIGHTINGS



SOUTHERN ICE LIMIT
DATE: 29 MAY 1972
FLEWEAFAC SUTLAND

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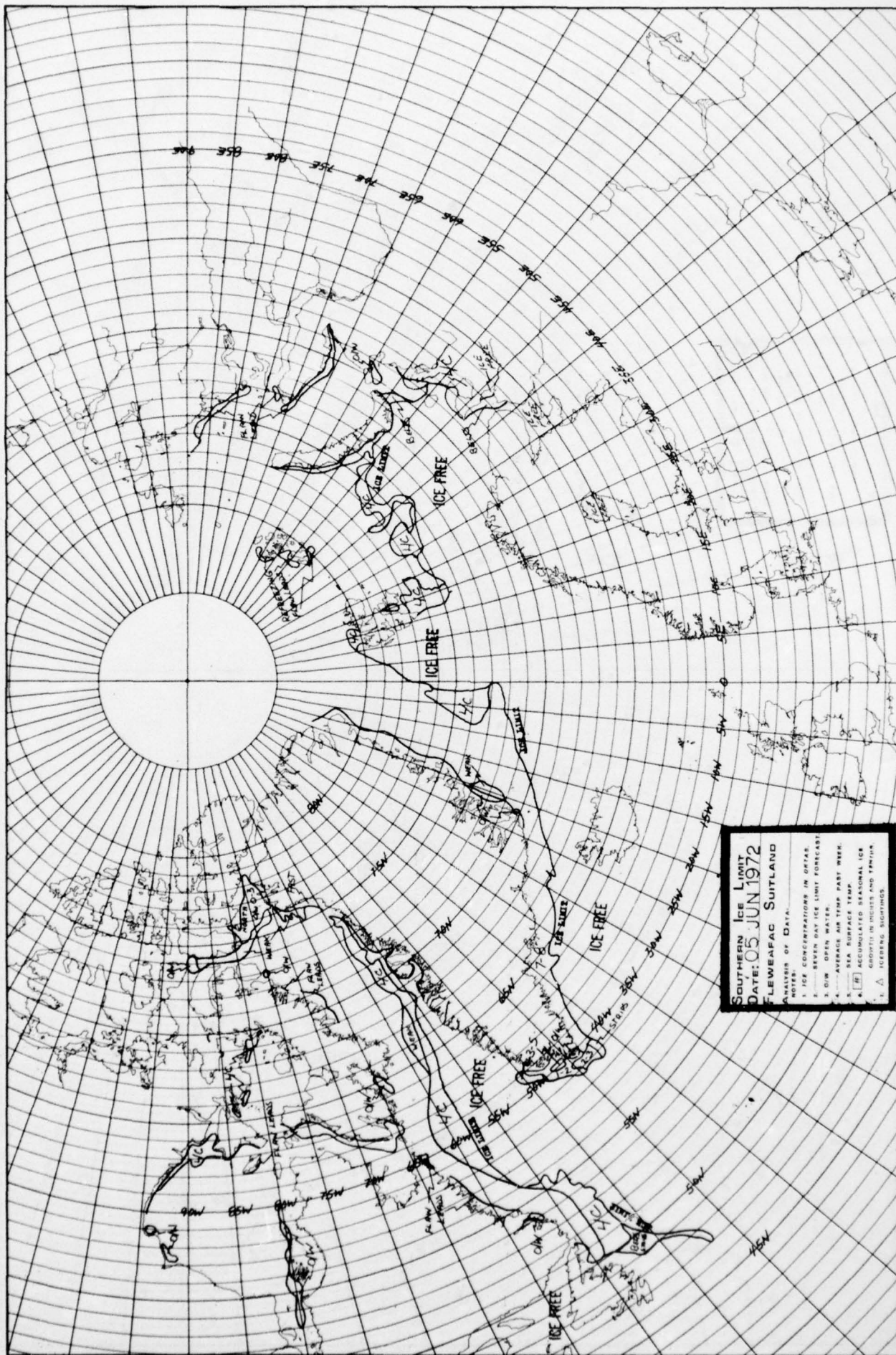
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- 3. ICE CONCENTRATIONS IN ORBIT PAST WEEK
- 4. ICE CONCENTRATIONS IN ORBIT PAST MONTH
- 5. ICE CONCENTRATIONS IN ORBIT PAST YEAR
- 6. ICE CONCENTRATIONS IN ORBIT PAST 5 YEARS
- 7. ICE CONCENTRATIONS IN ORBIT PAST 10 YEARS
- 8. ICE CONCENTRATIONS IN ORBIT PAST 20 YEARS
- 9. ICE CONCENTRATIONS IN ORBIT PAST 30 YEARS
- 10. ICE CONCENTRATIONS IN ORBIT PAST 40 YEARS
- 11. ICE CONCENTRATIONS IN ORBIT PAST 50 YEARS
- 12. ICE CONCENTRATIONS IN ORBIT PAST 60 YEARS
- 13. ICE CONCENTRATIONS IN ORBIT PAST 70 YEARS
- 14. ICE CONCENTRATIONS IN ORBIT PAST 80 YEARS
- 15. ICE CONCENTRATIONS IN ORBIT PAST 90 YEARS
- 16. ICE CONCENTRATIONS IN ORBIT PAST 100 YEARS

ICE GROWTH IN MONTHS AND YEARS:

- 1. ICE GROWTH IN MONTHS AND YEARS
- 2. ICE GROWTH IN MONTHS AND YEARS FORECAST
- 3. ICE GROWTH IN MONTHS AND YEARS PAST WEEK
- 4. ICE GROWTH IN MONTHS AND YEARS PAST MONTH
- 5. ICE GROWTH IN MONTHS AND YEARS PAST YEAR
- 6. ICE GROWTH IN MONTHS AND YEARS PAST 5 YEARS
- 7. ICE GROWTH IN MONTHS AND YEARS PAST 10 YEARS
- 8. ICE GROWTH IN MONTHS AND YEARS PAST 20 YEARS
- 9. ICE GROWTH IN MONTHS AND YEARS PAST 30 YEARS
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- 16. ICE GROWTH IN MONTHS AND YEARS PAST 100 YEARS

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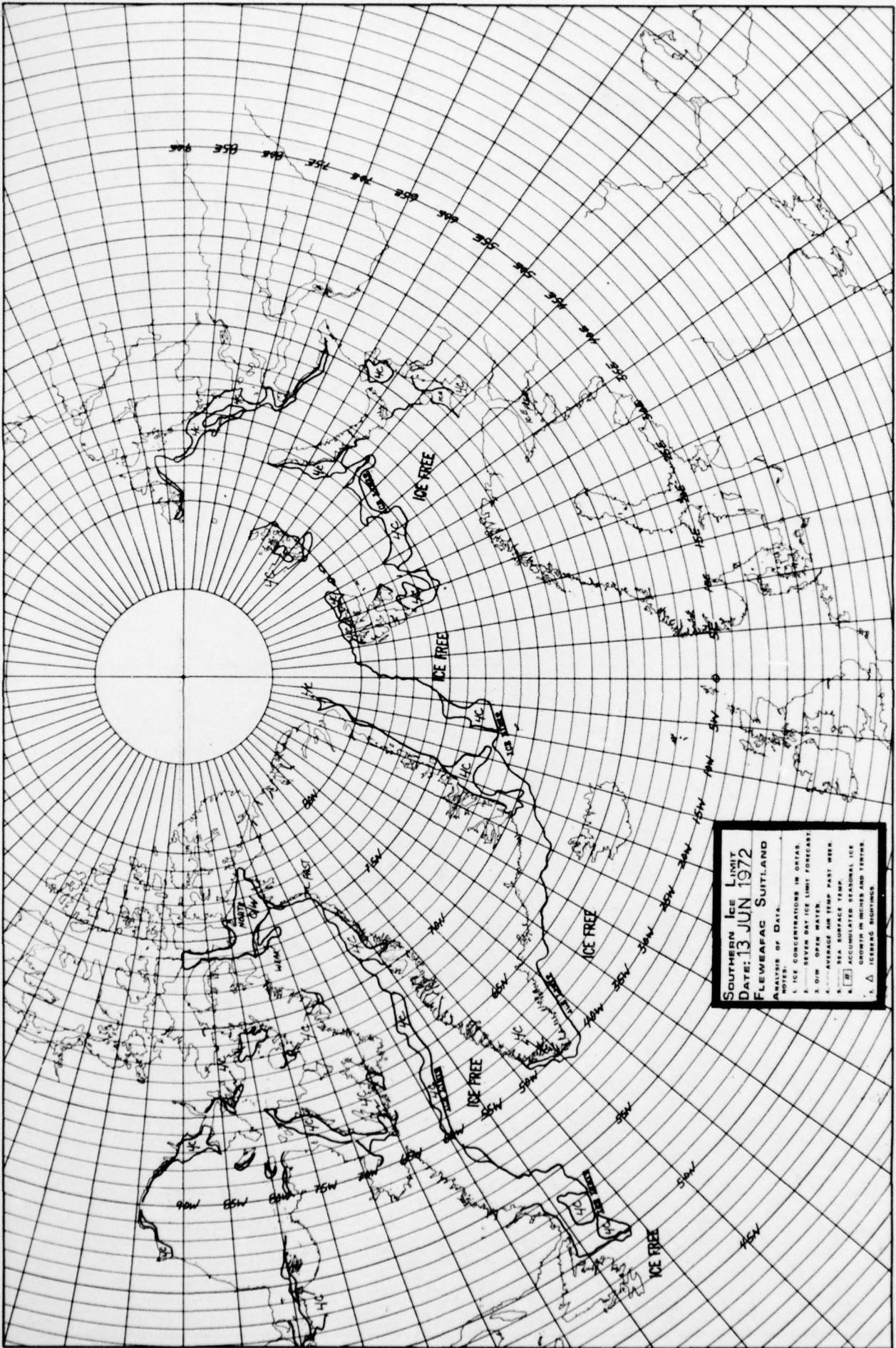
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- 2. ICEBERG SIGHTINGS FORECAST
- 3. ICEBERG SIGHTINGS PAST WEEK
- 4. ICEBERG SIGHTINGS PAST MONTH
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- 6. ICEBERG SIGHTINGS PAST 5 YEARS
- 7. ICEBERG SIGHTINGS PAST 10 YEARS
- 8. ICEBERG SIGHTINGS PAST 20 YEARS
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- 10. ICEBERG SIGHTINGS PAST 40 YEARS
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- 14. ICEBERG SIGHTINGS PAST 80 YEARS
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- 16. ICEBERG SIGHTINGS PAST 100 YEARS



SOUTHERN ICE LIMIT
DATE: 05 JUN 1972
FLEWELFAC SUITLAND

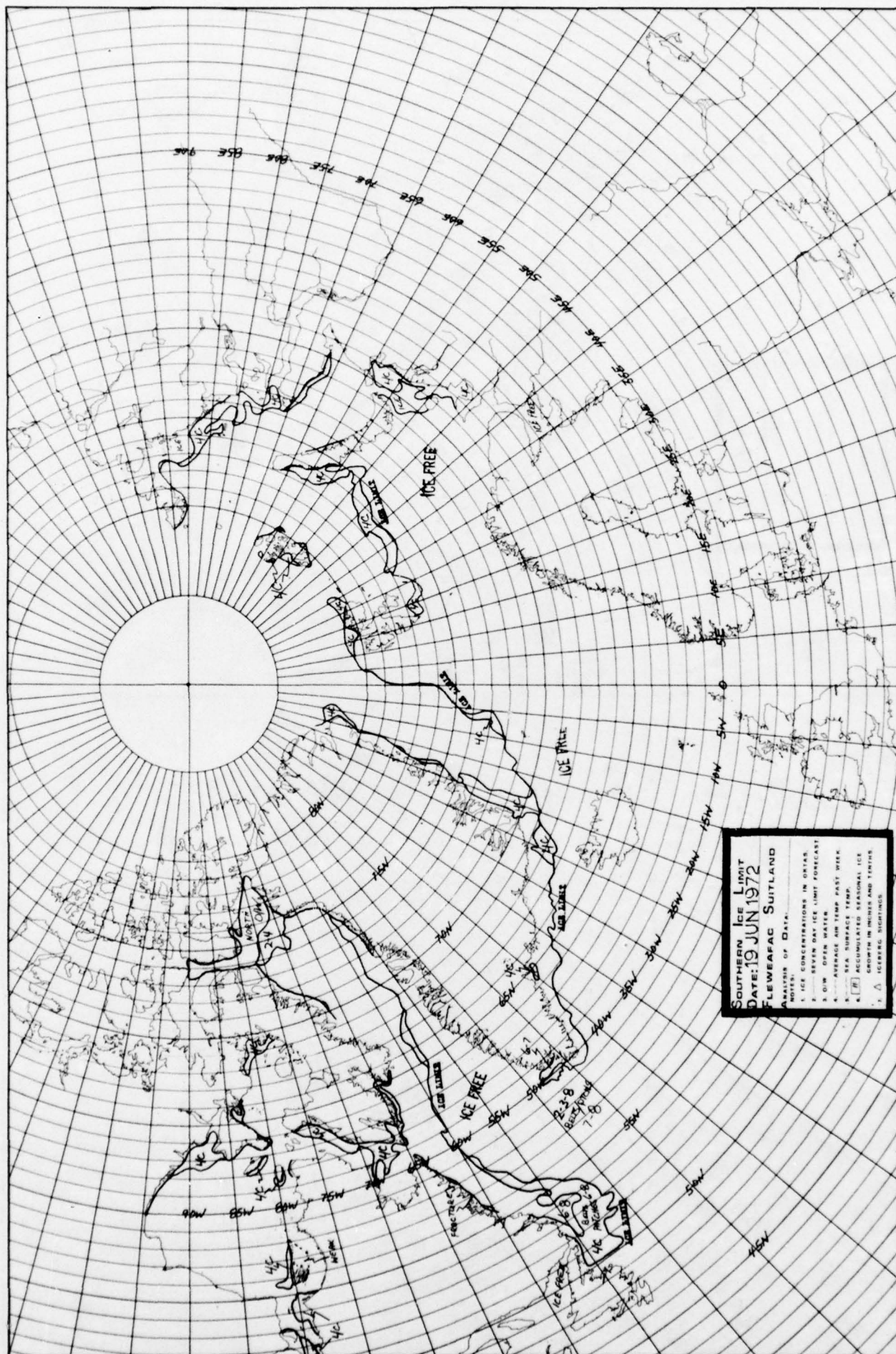
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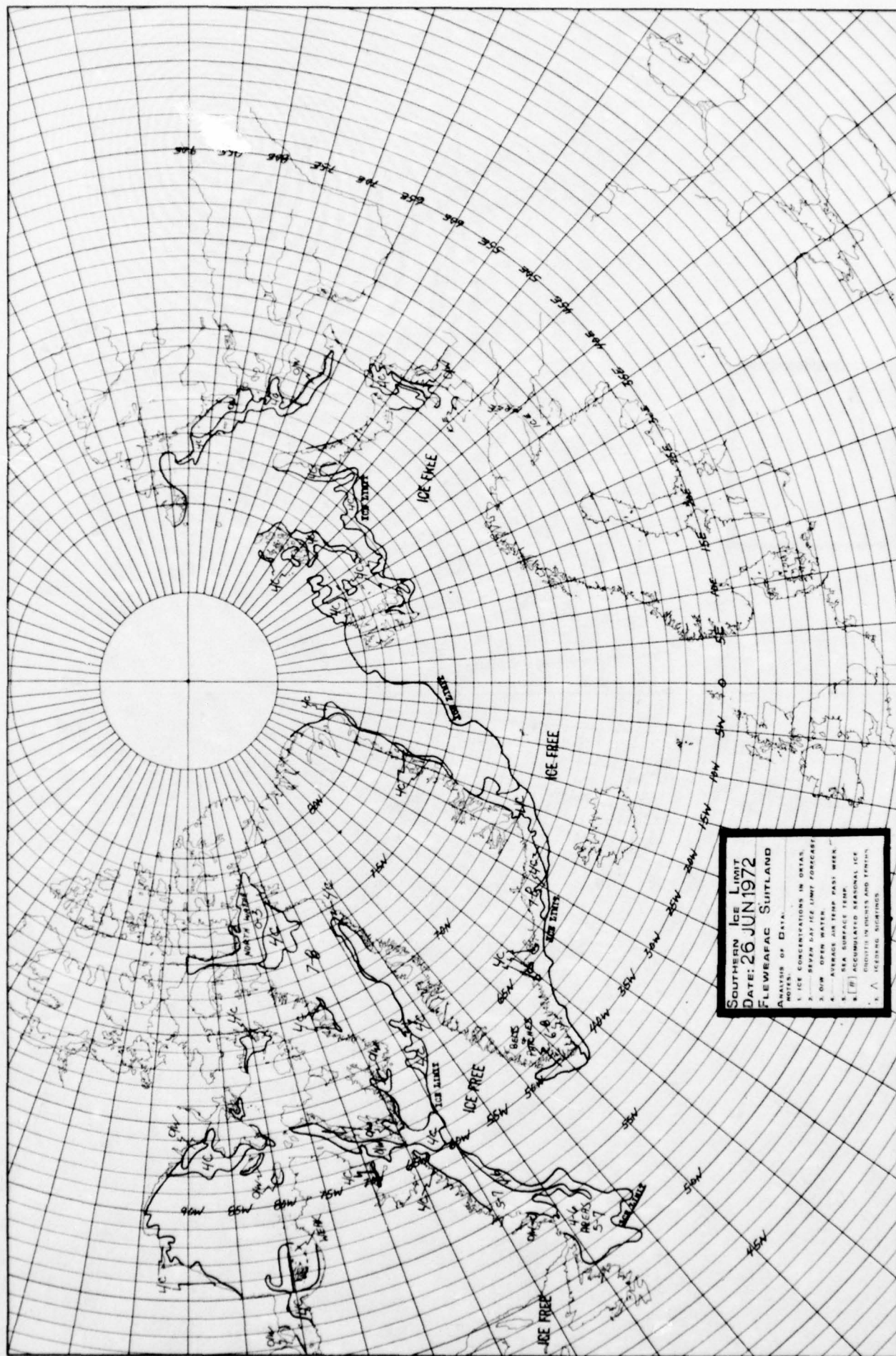
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- 2. SEVEN DAY ICE LIMIT FORECAST.
- 3. D.W. OPEN WATER.
- 4. AVERAGE AIR TEMP PAST WEEK.
- 5. SEA SURFACE TEMP.
- 6. ACCUMULATED SEASONAL ICE CONCENTRATION IN TONNES AND TONNIN.
- 7. ICEBERG POSITIONS.

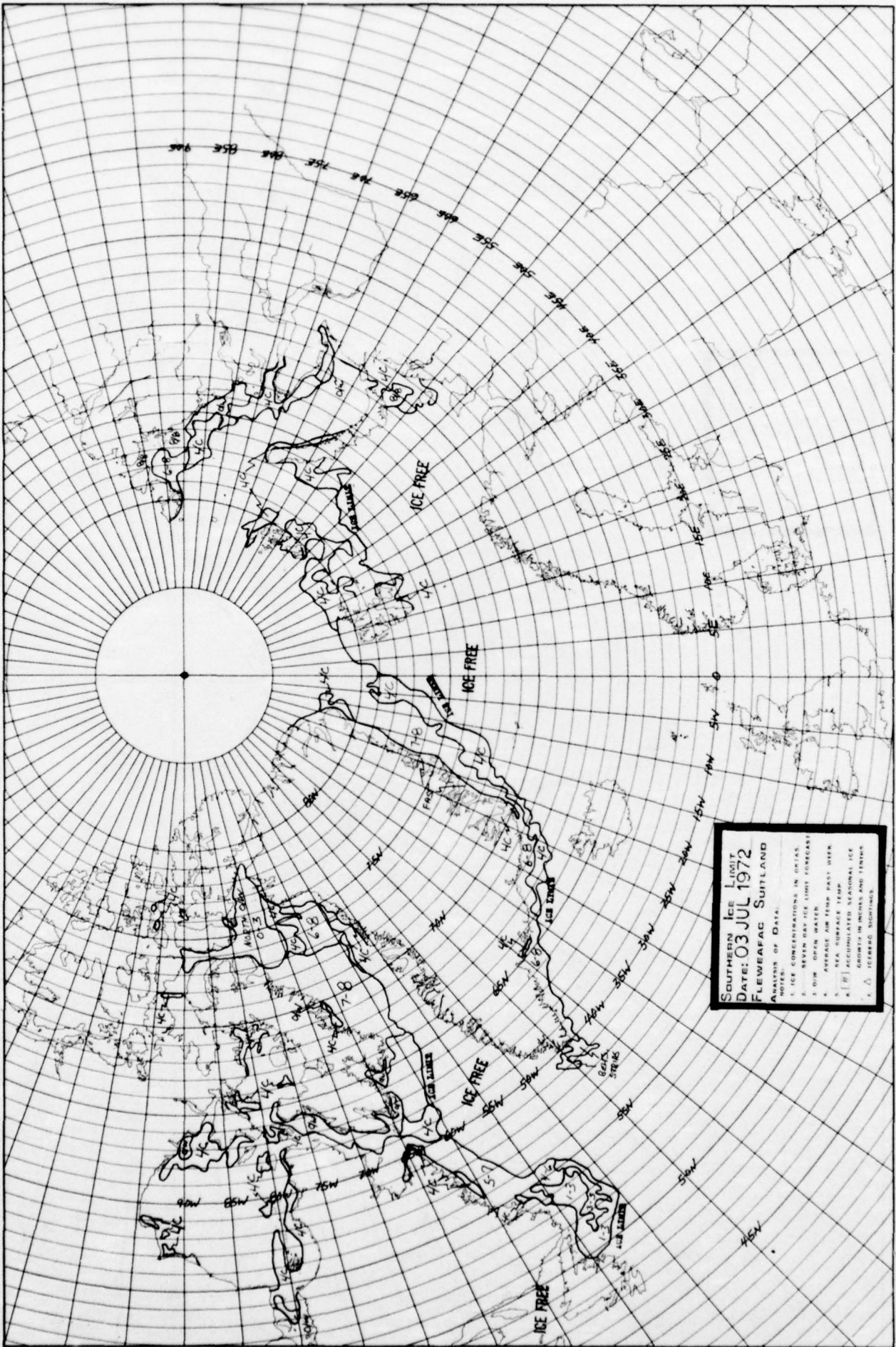


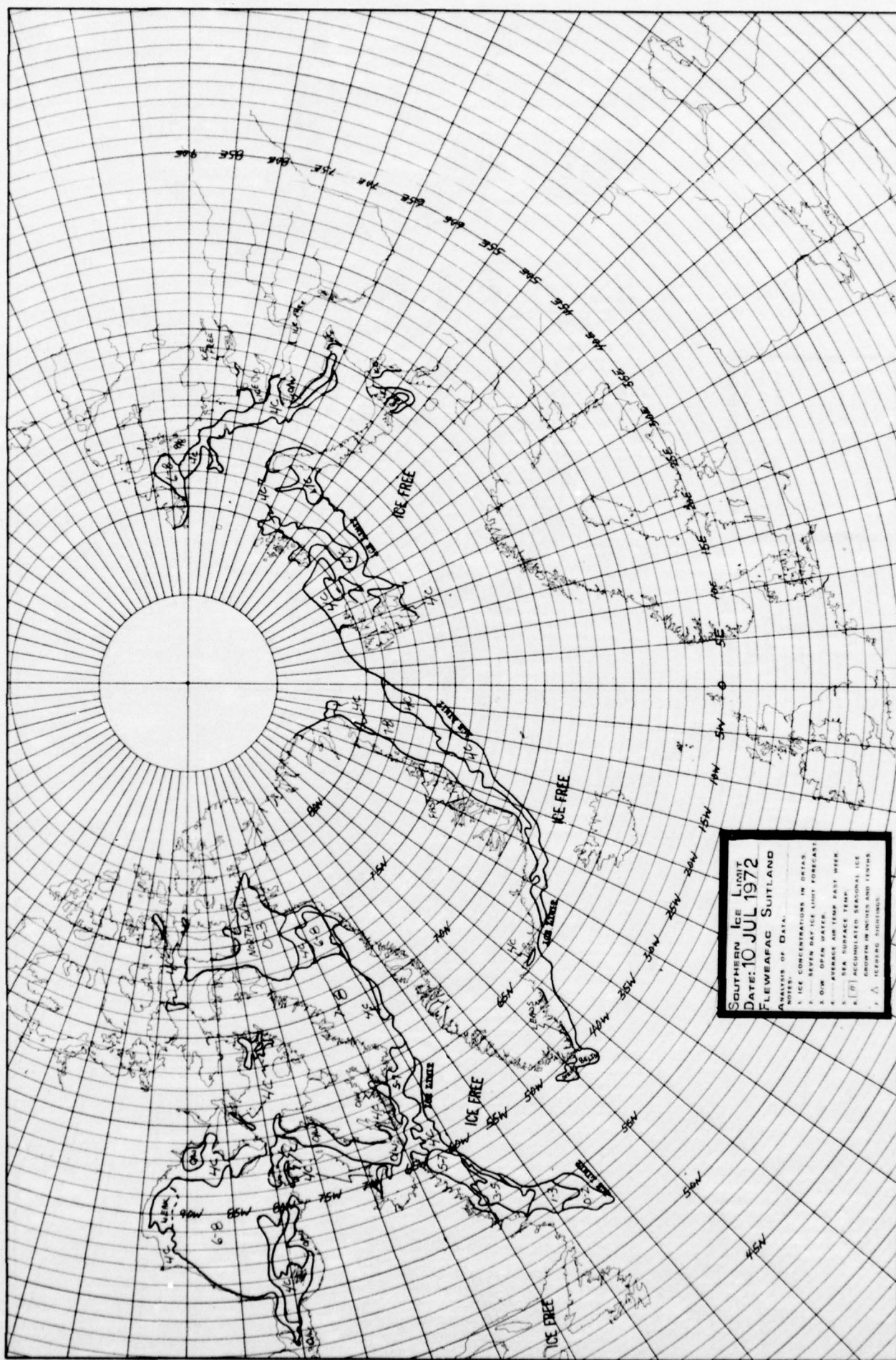
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DATE: 13 JUN 1972
FLEWEAFAC SUITLAND

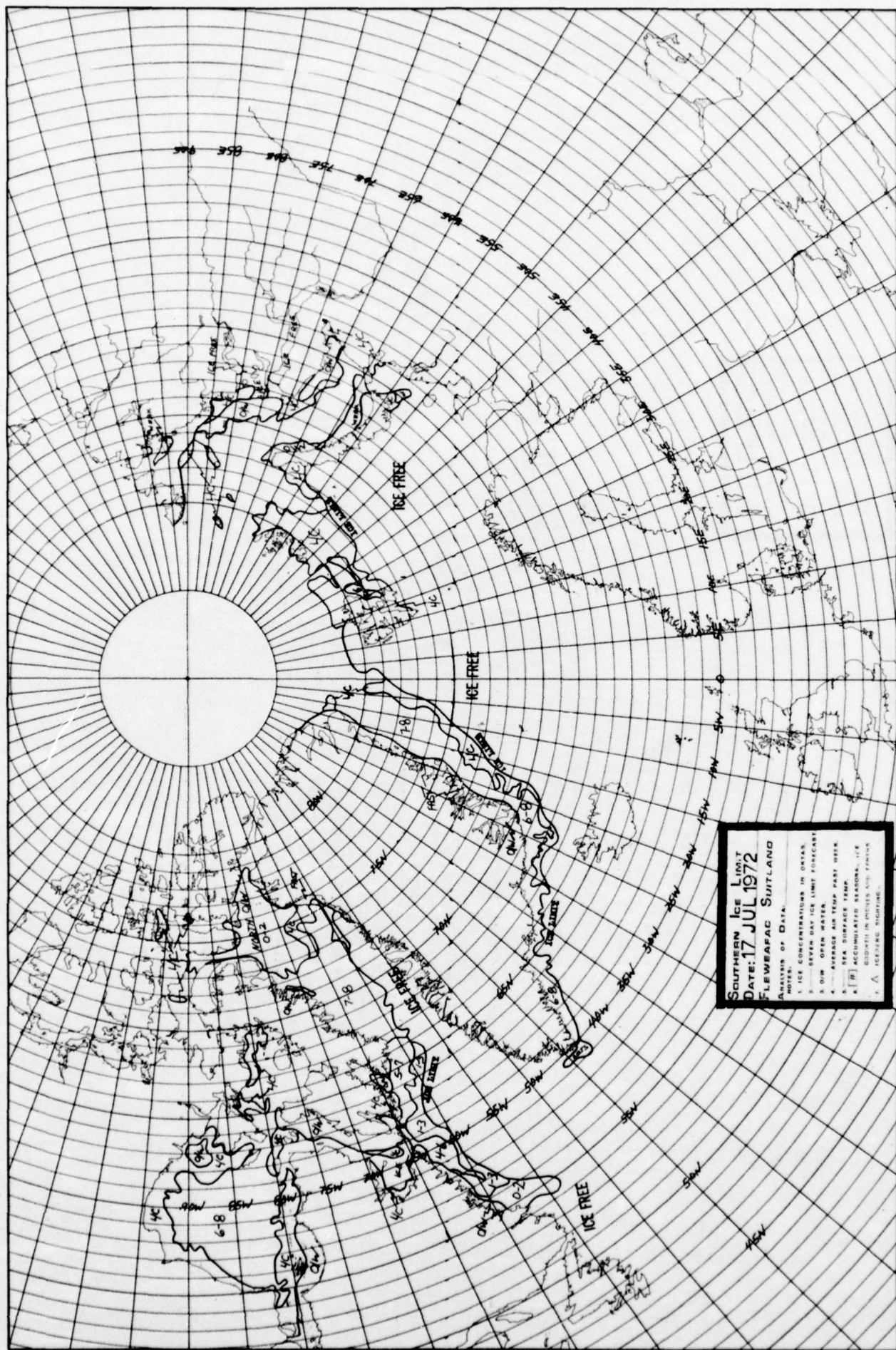
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3. DIM OPEN WATER
4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG HEIGHTS

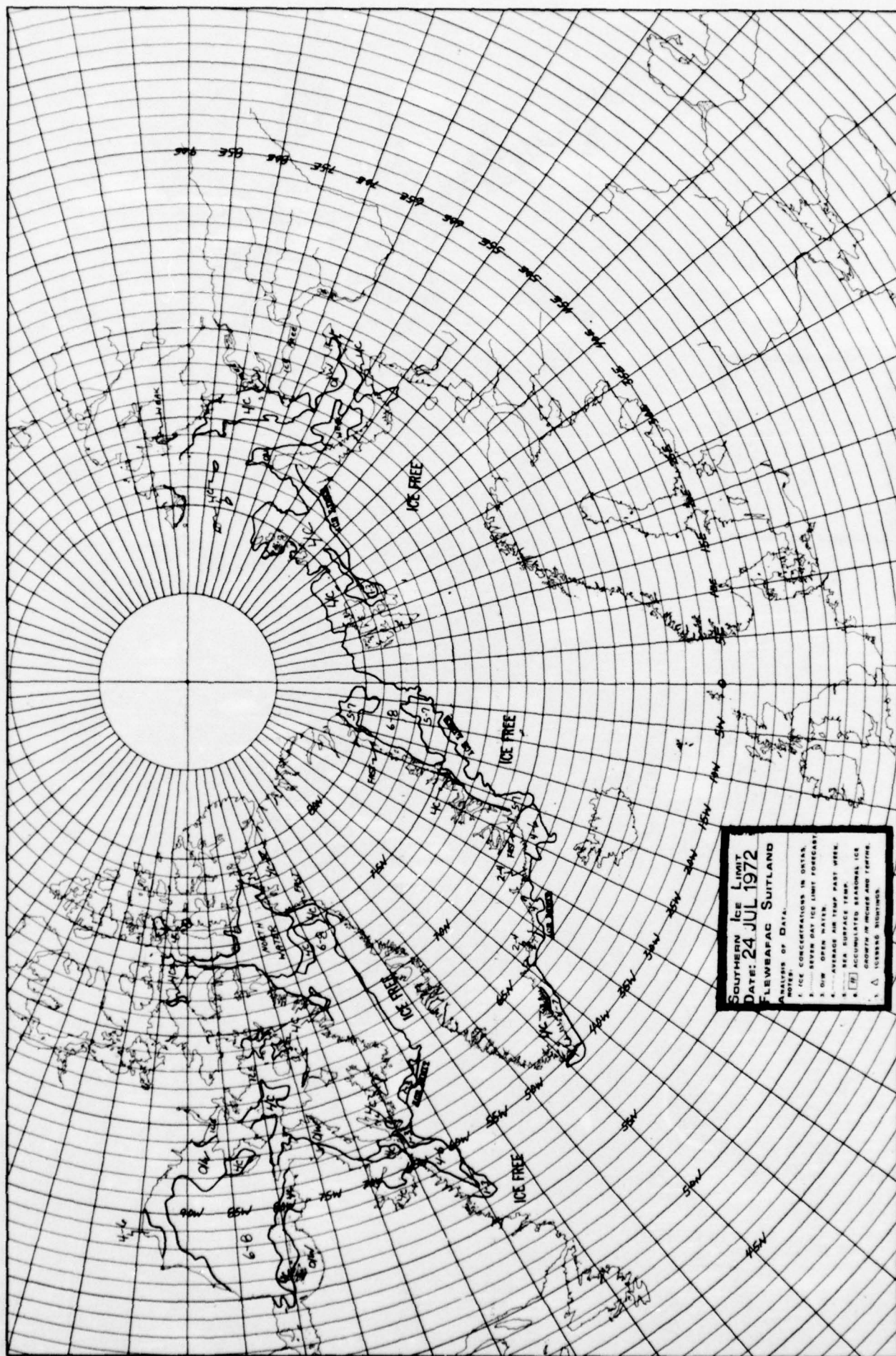


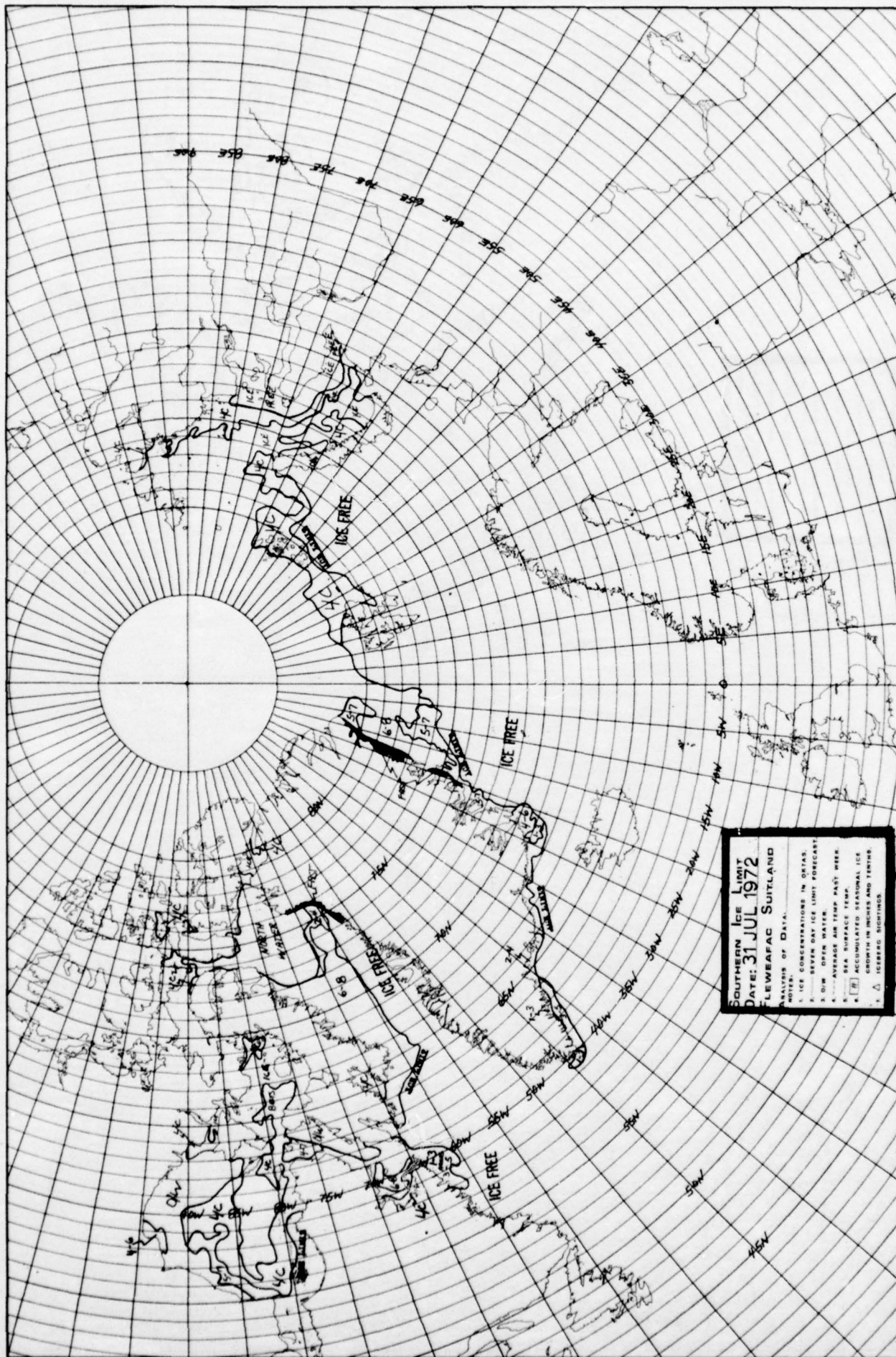


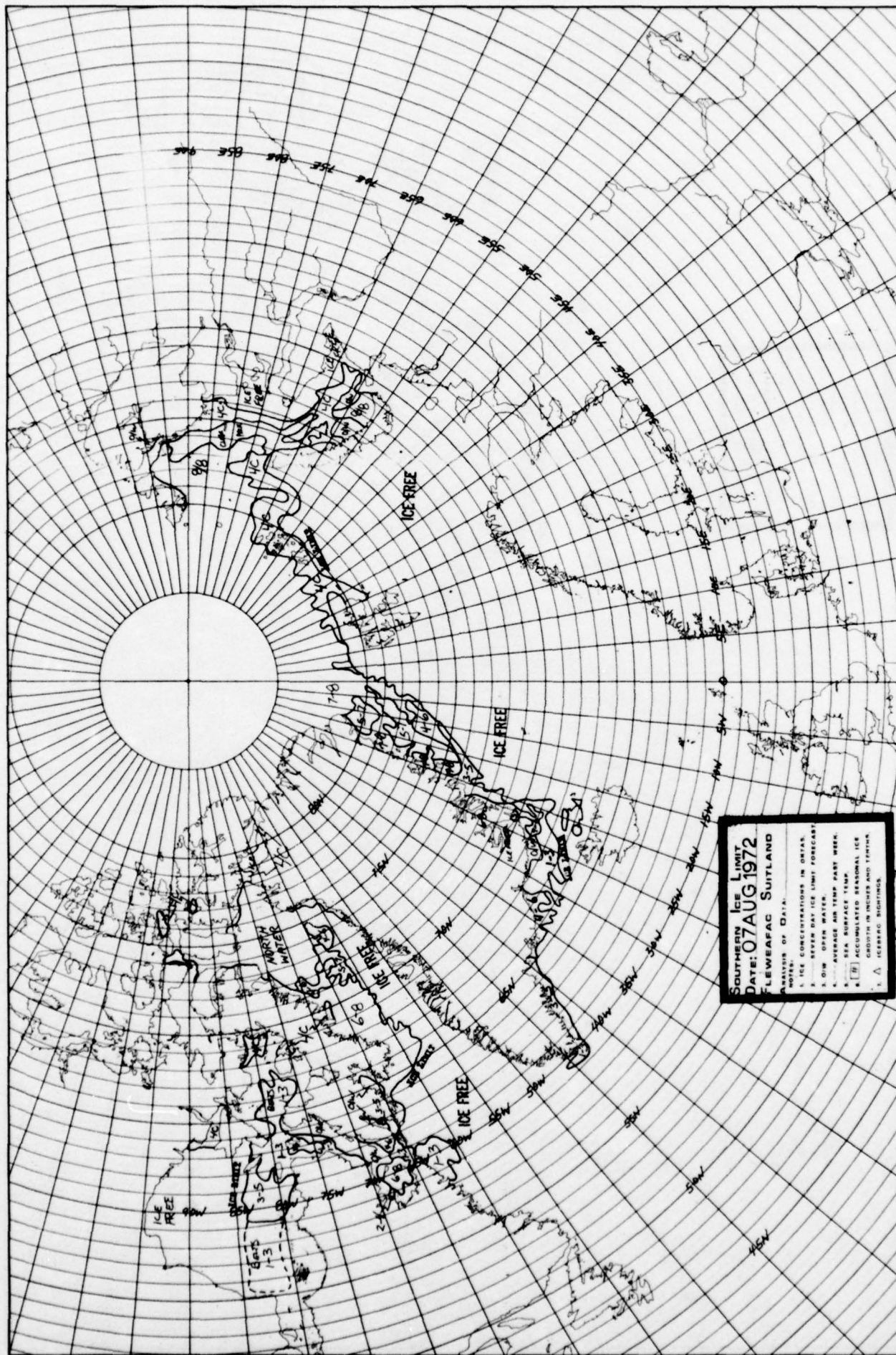


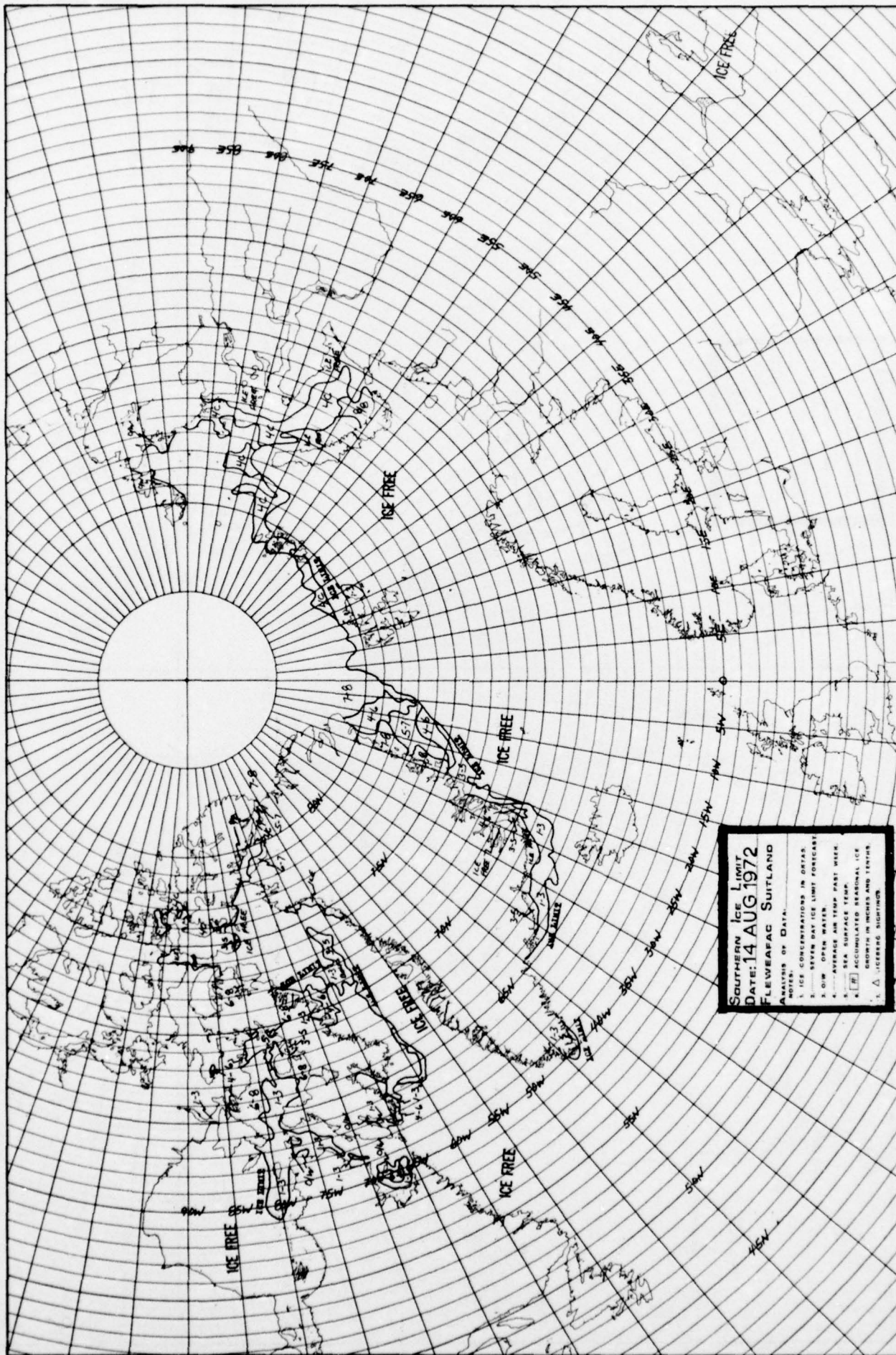


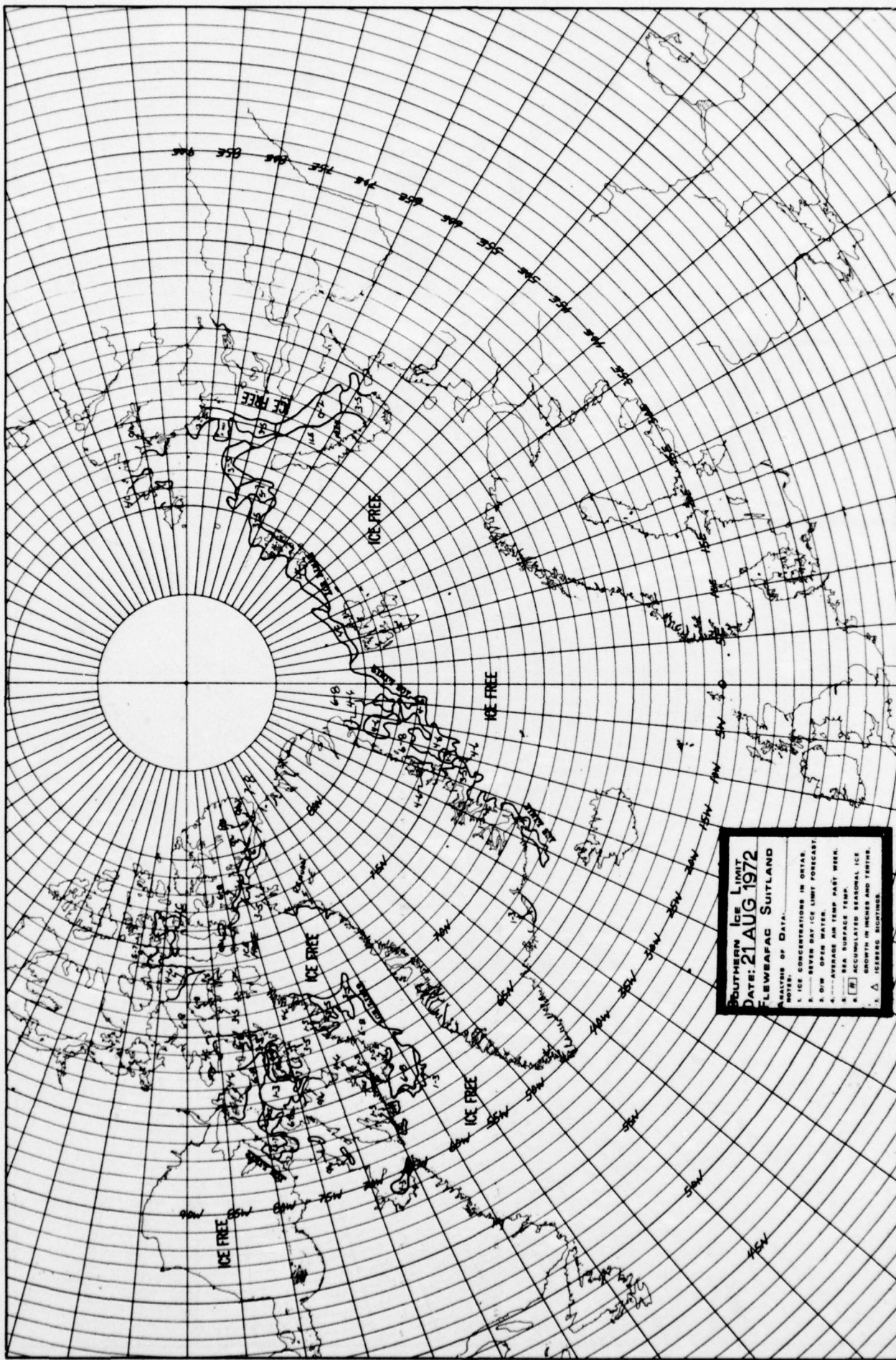


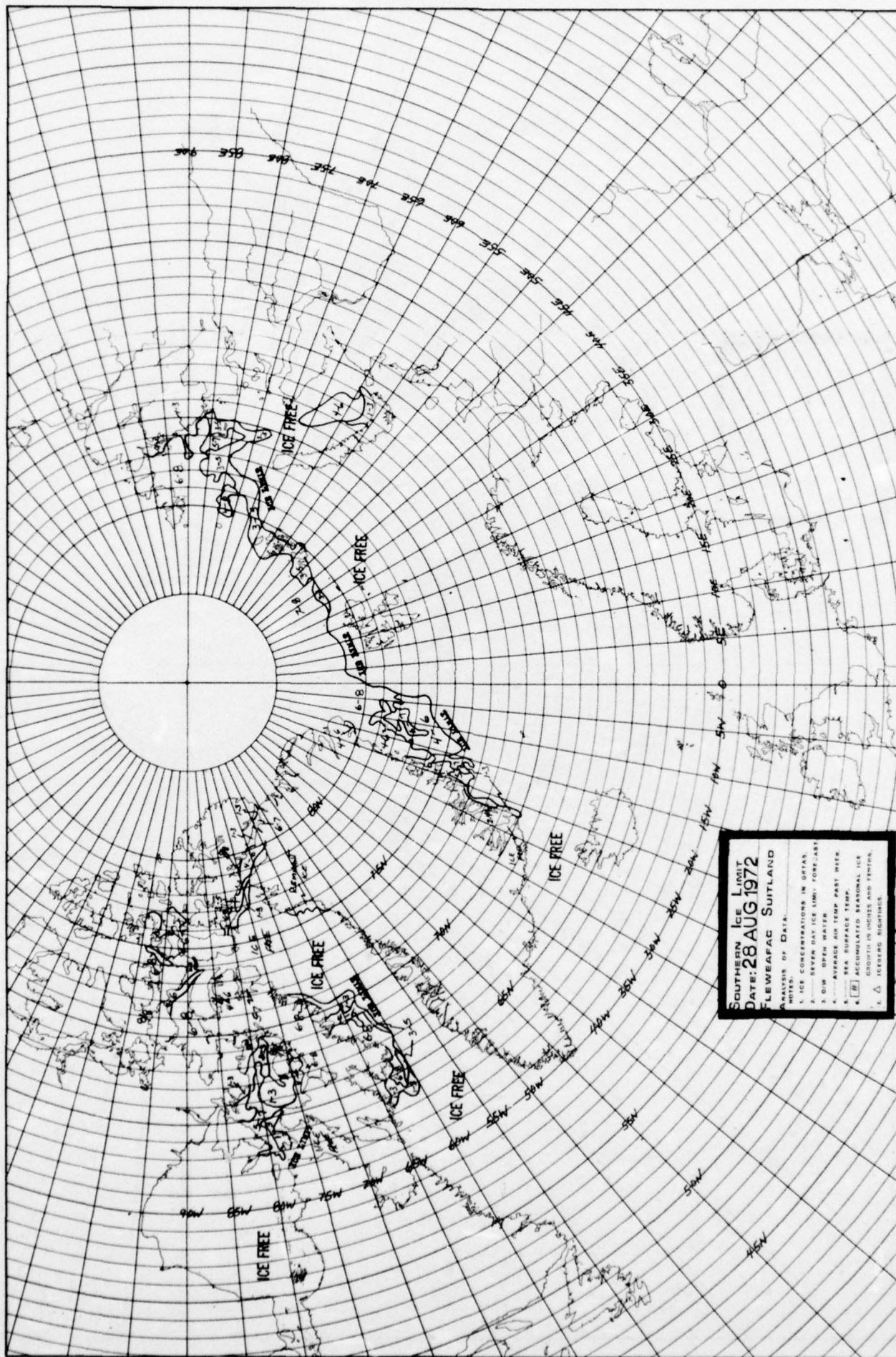


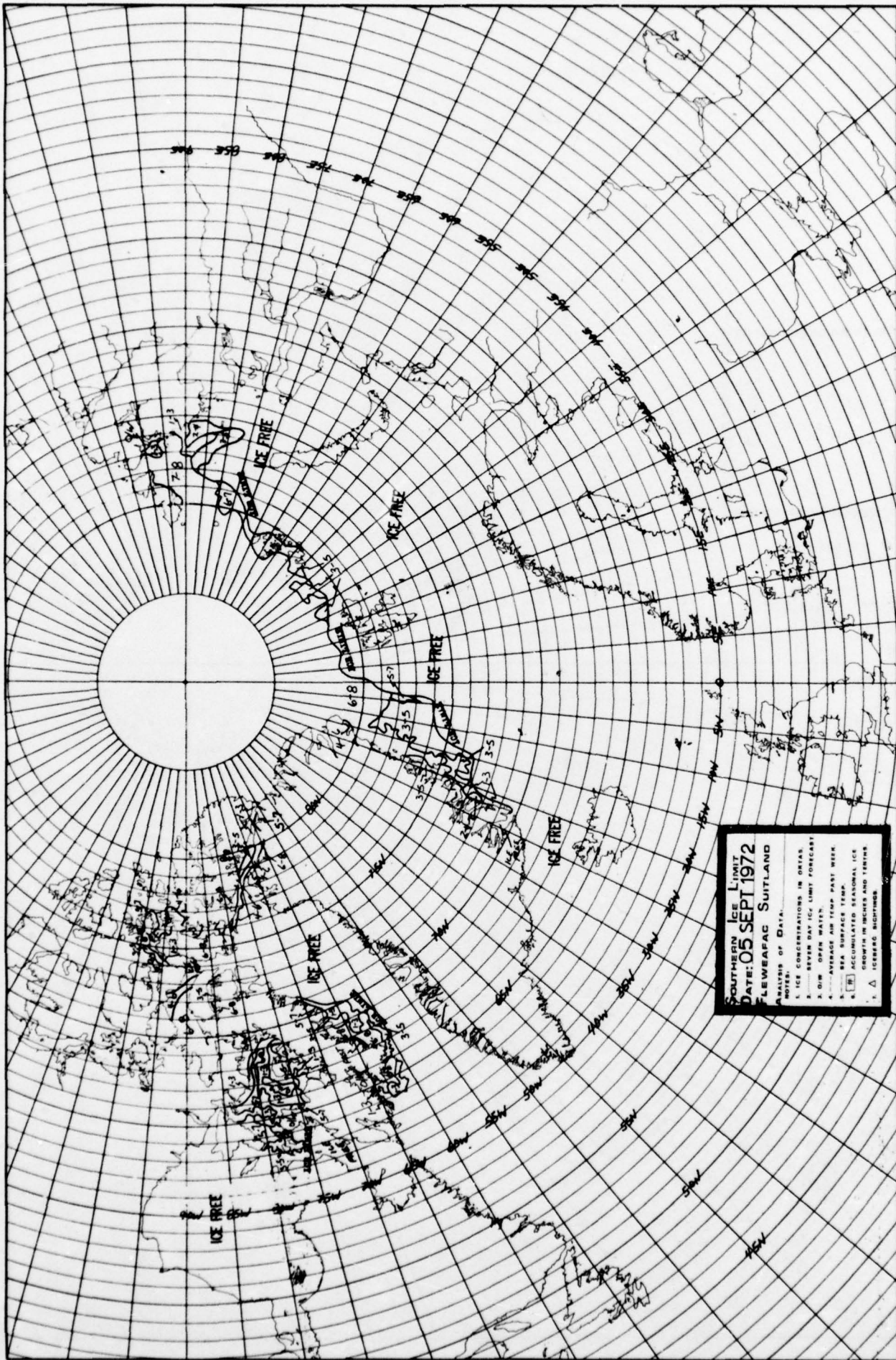


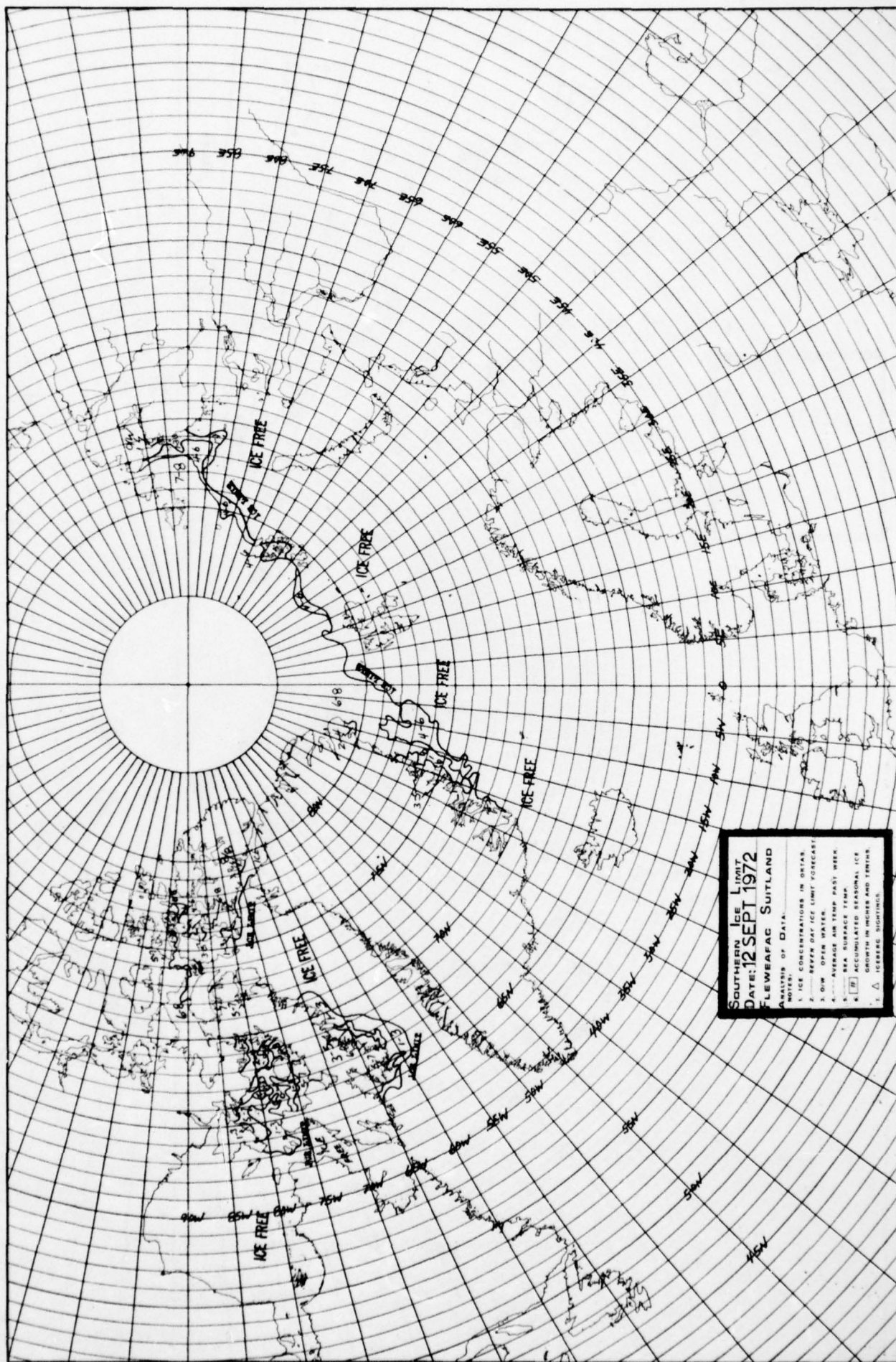


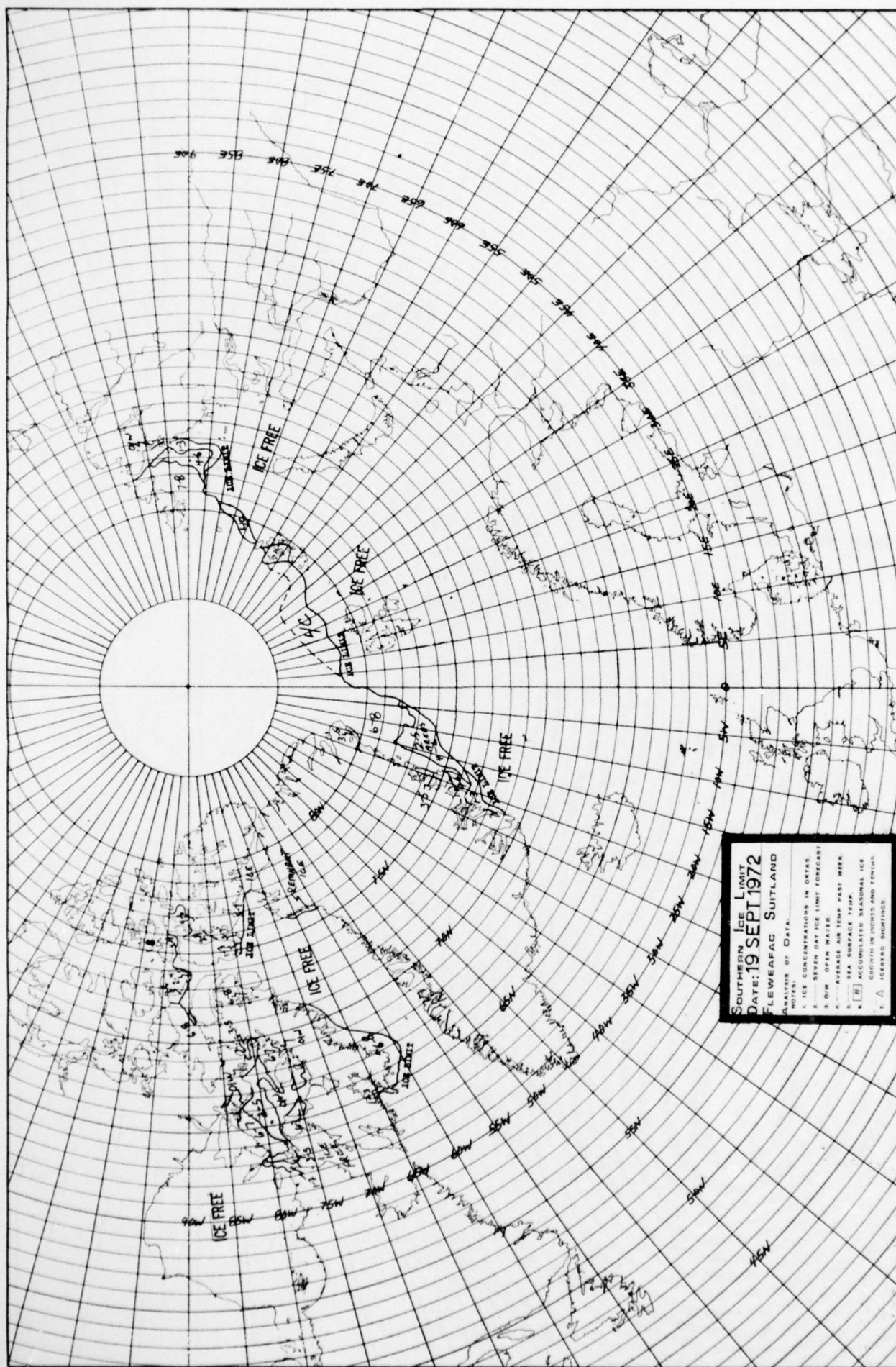


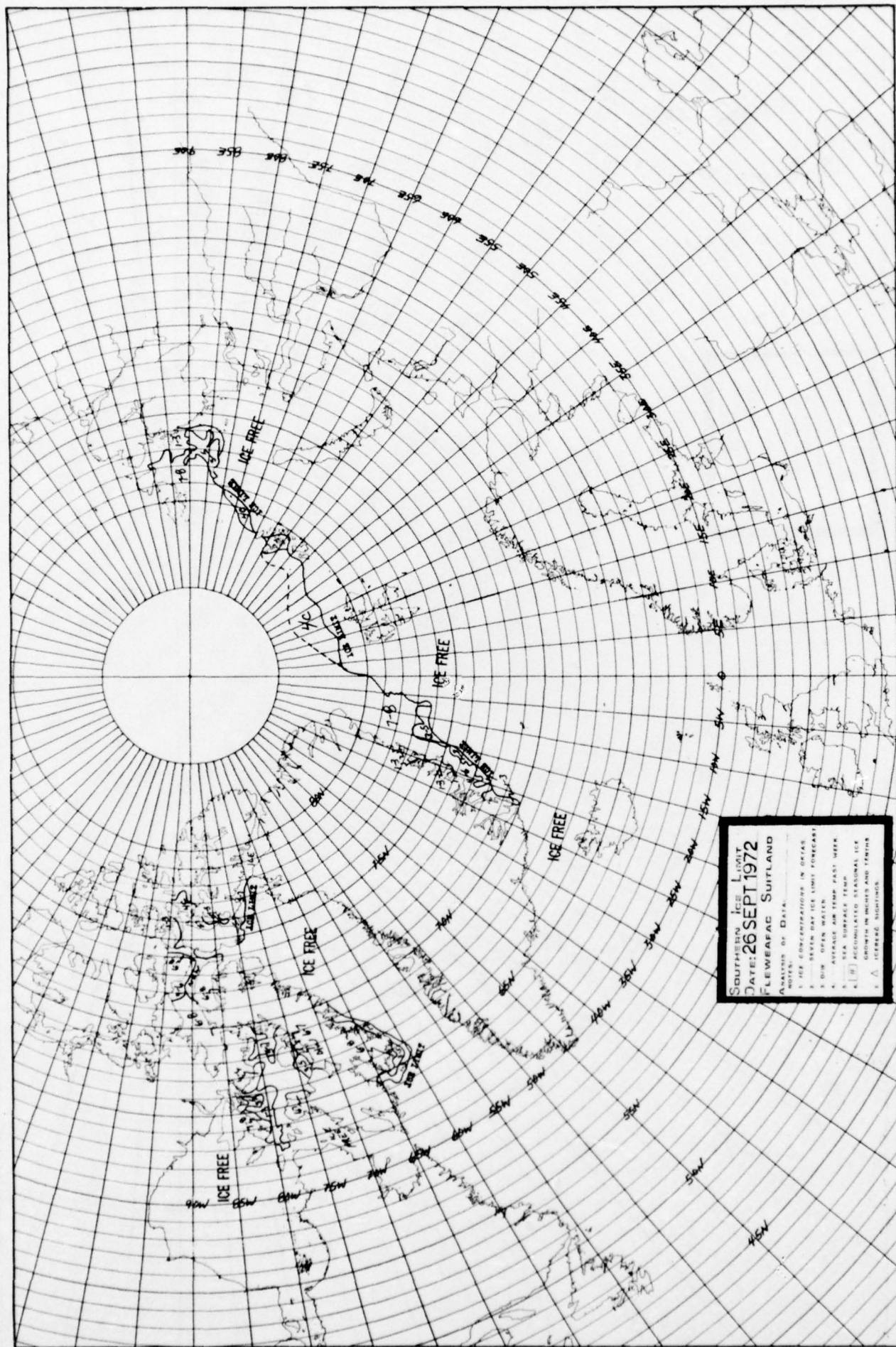


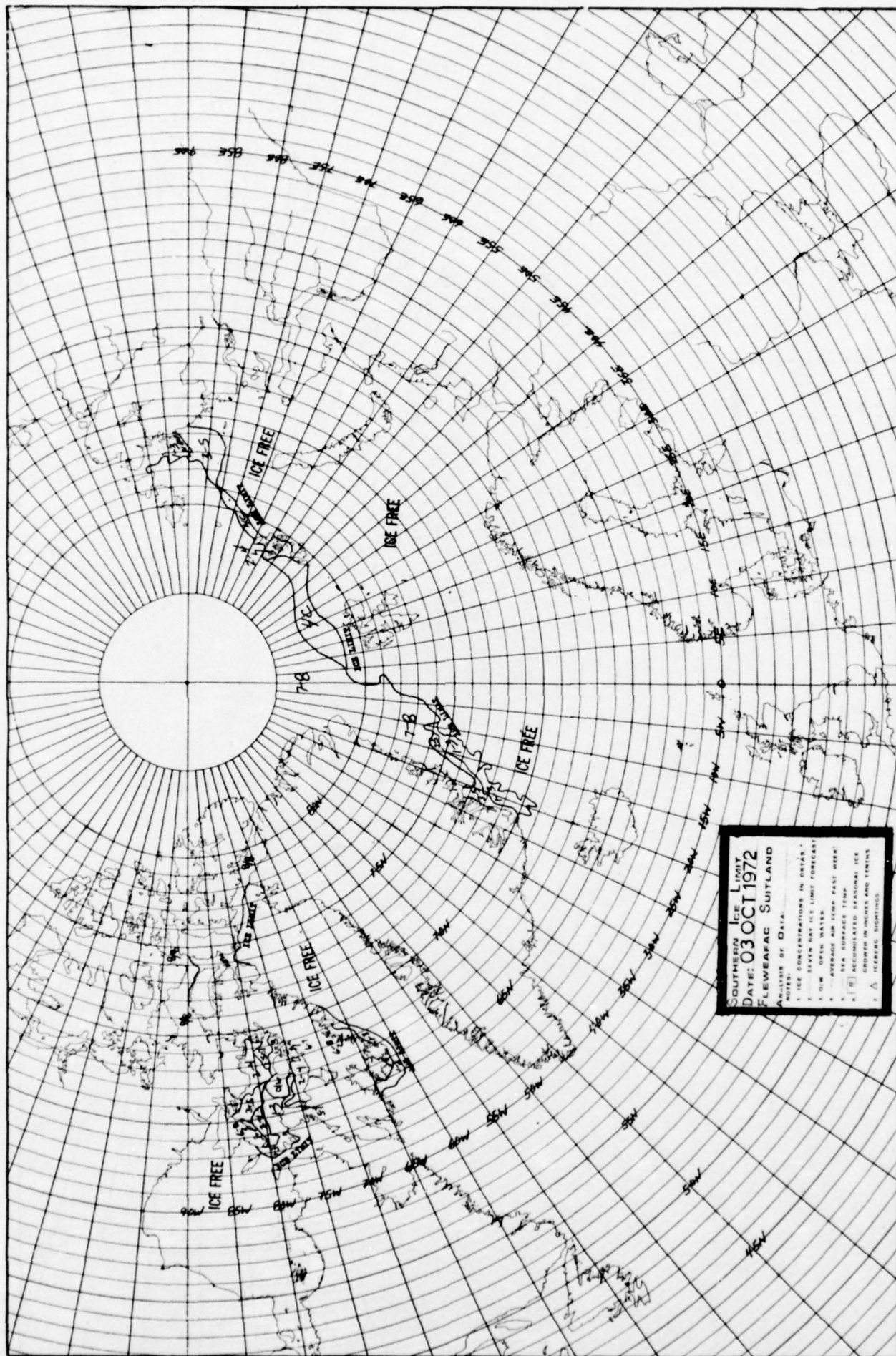


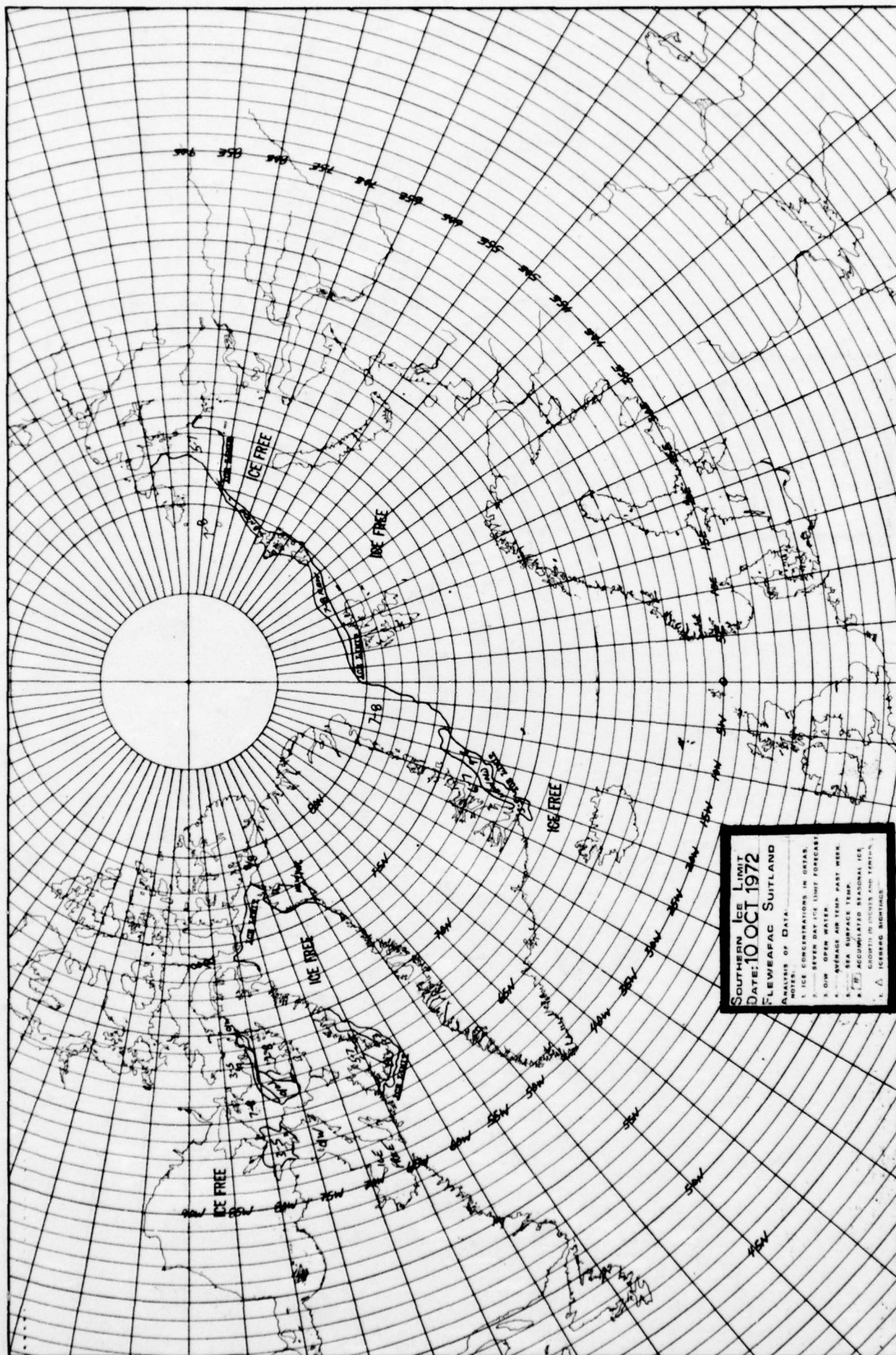


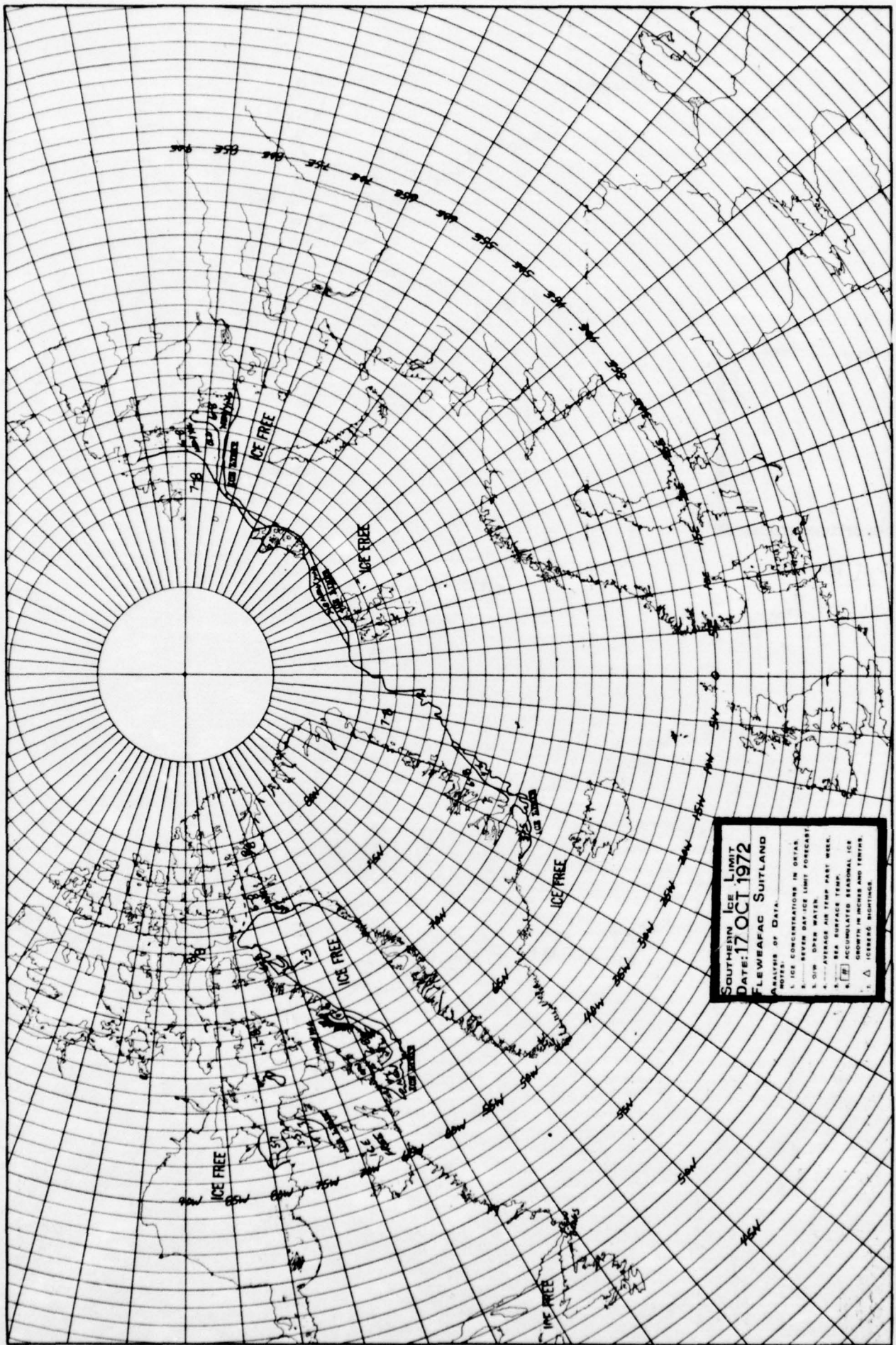




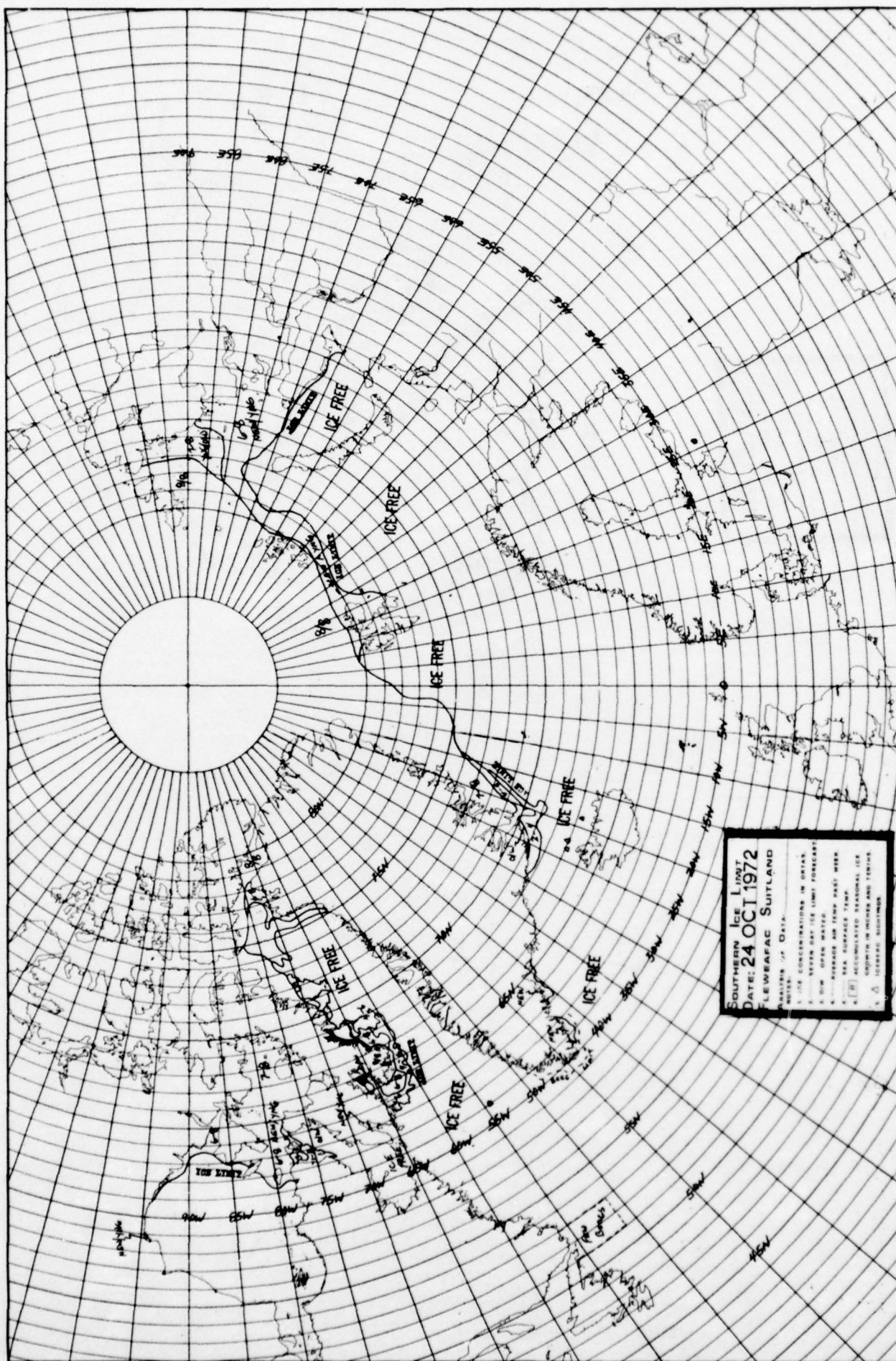


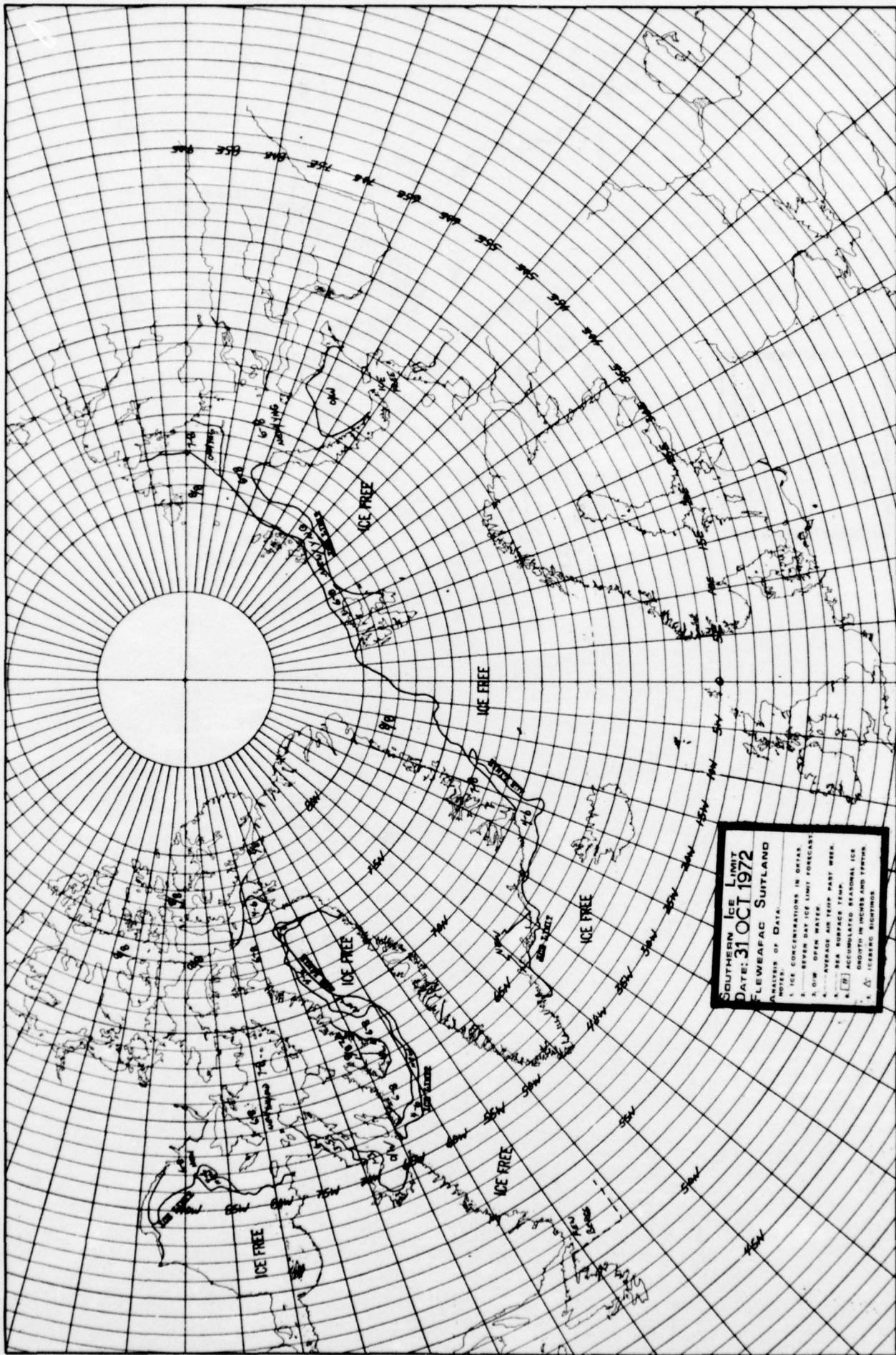


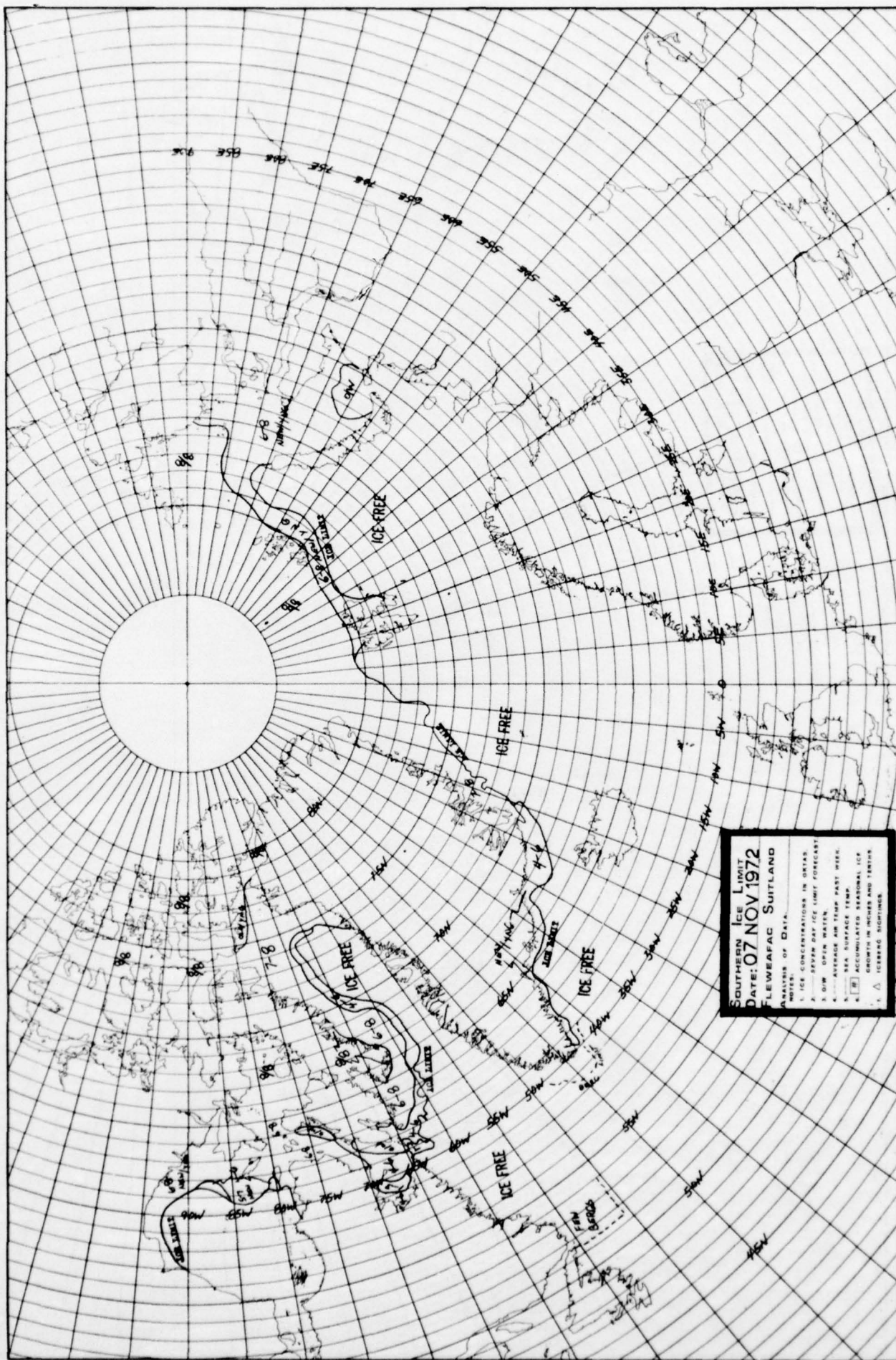




SOUTHERN ICE LIMIT
DATE: 17 OCT 1972
FLEWAFAC SUITLAND
 ANALYSIS OF DATA
 NOTES:
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 2. SEVEN DAY ICE LIMIT FORECAST
 3. OPEN WATER
 4. AVERAGE AIR TEMP PAST WEEK
 5. SEA SURFACE TEMP.
 6. ACCUMULATED SEASONAL ICE
 7. WINDS AND TIDES
 8. TEMPERatures



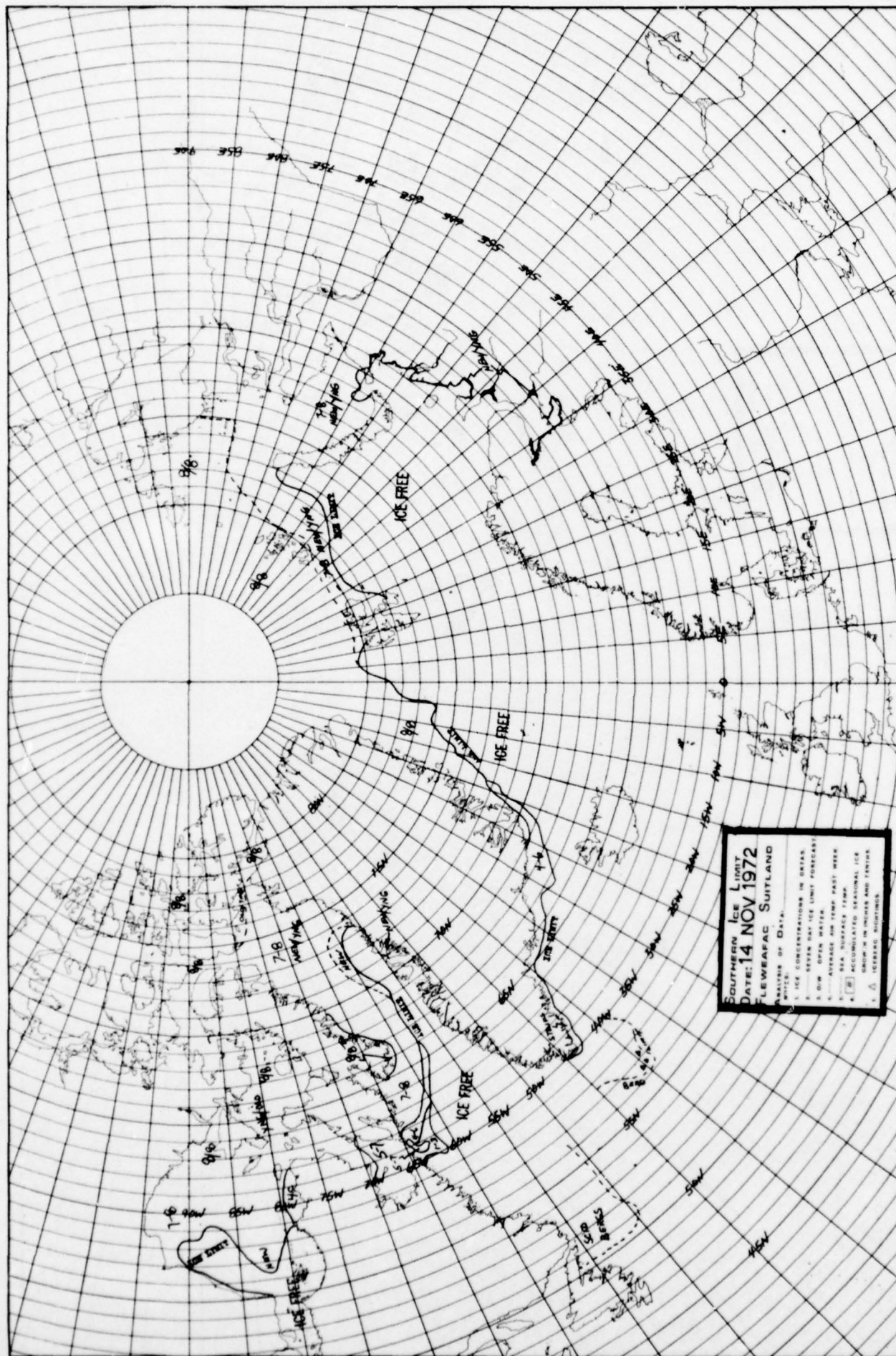


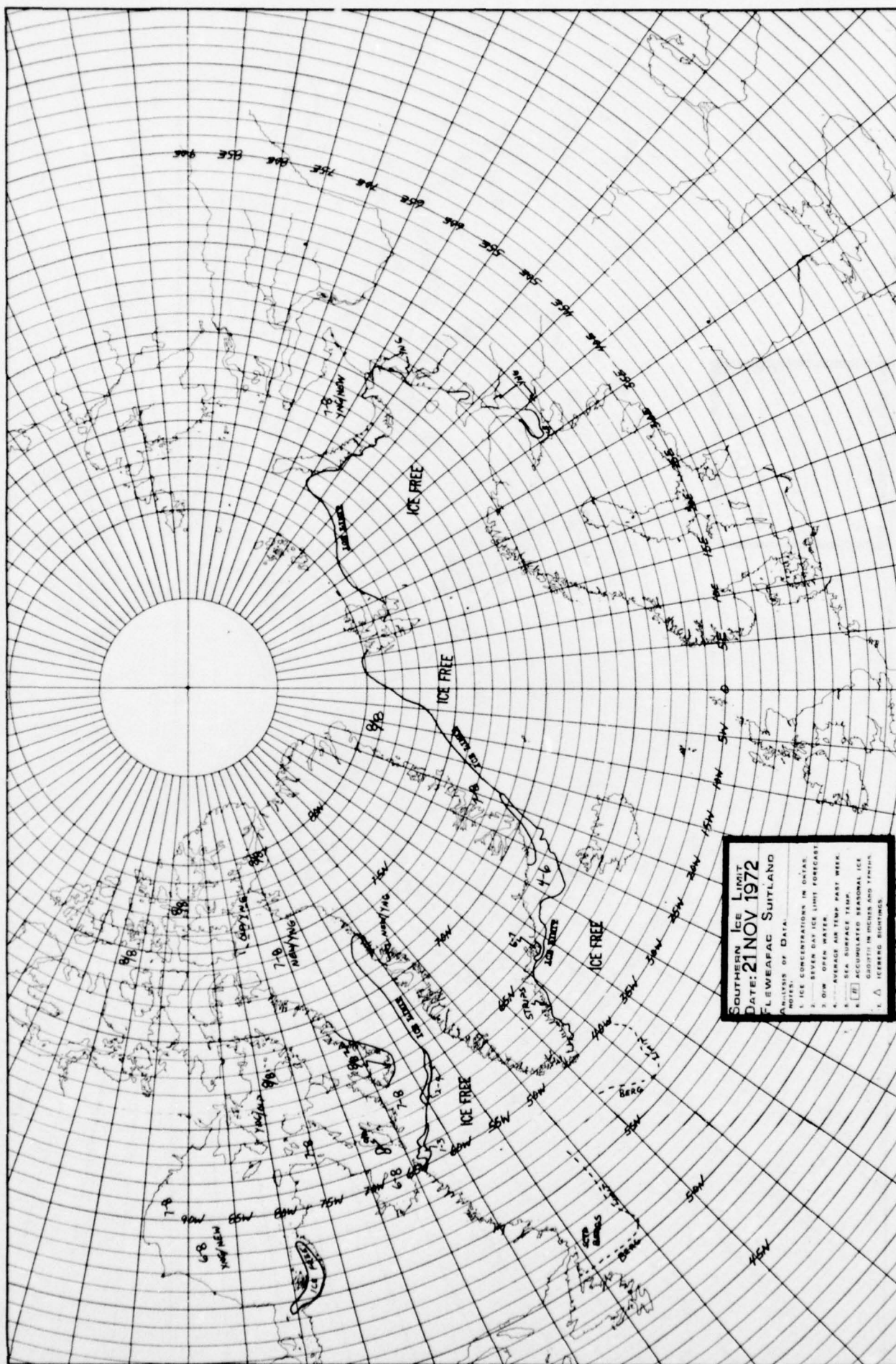


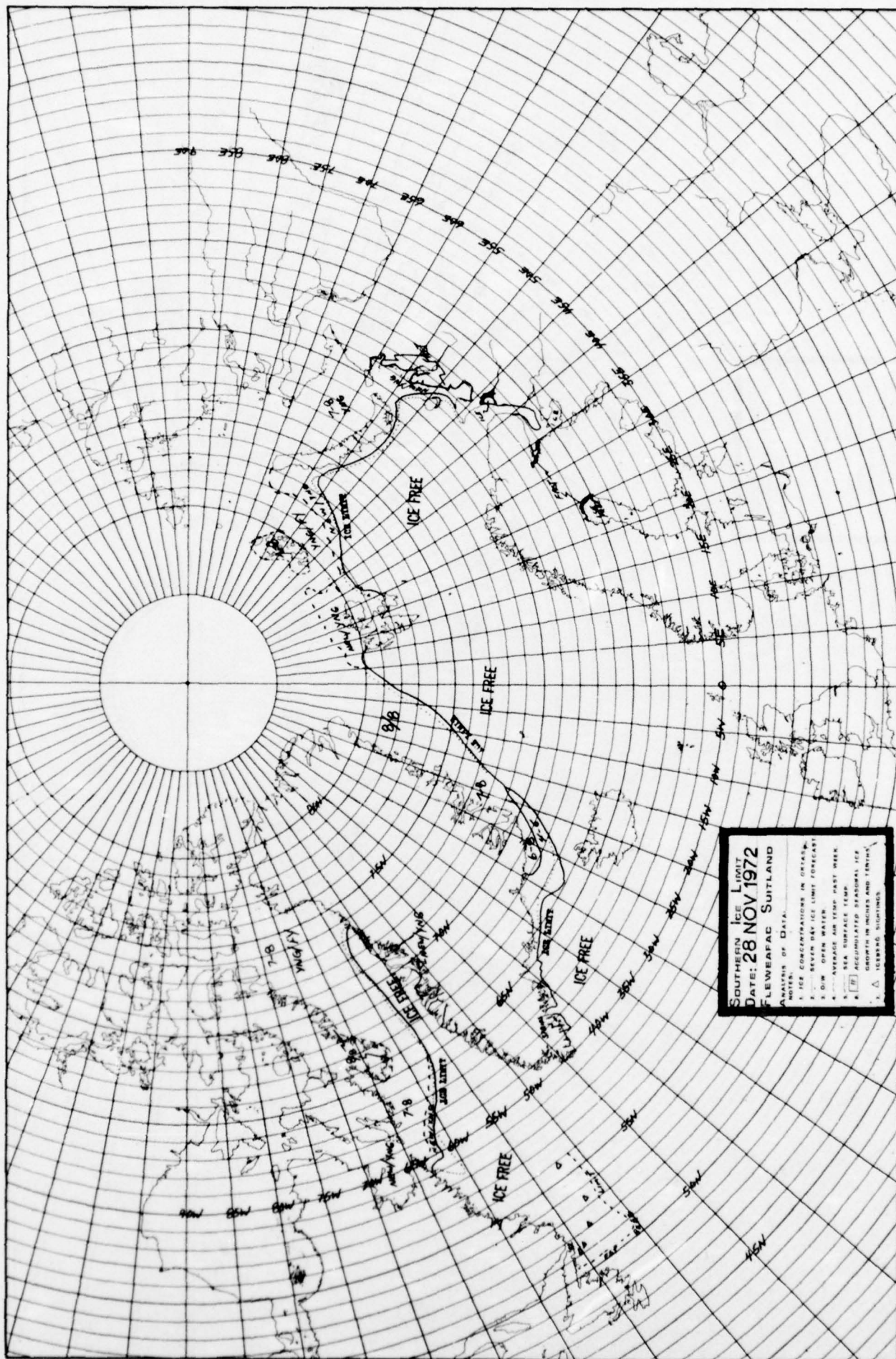
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DATE: 07 NOV 1972
FLEWEAFAC SUTLAND

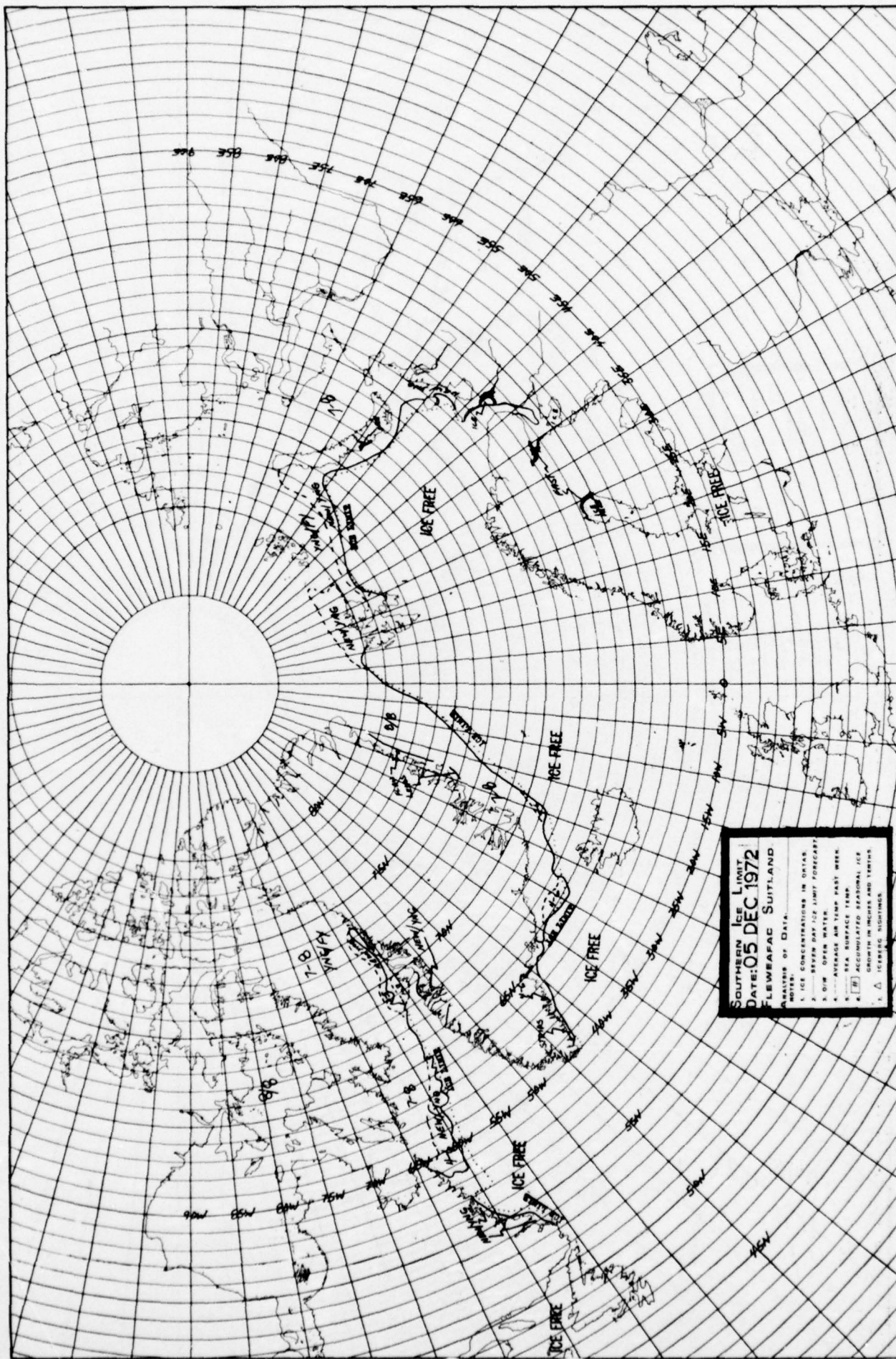
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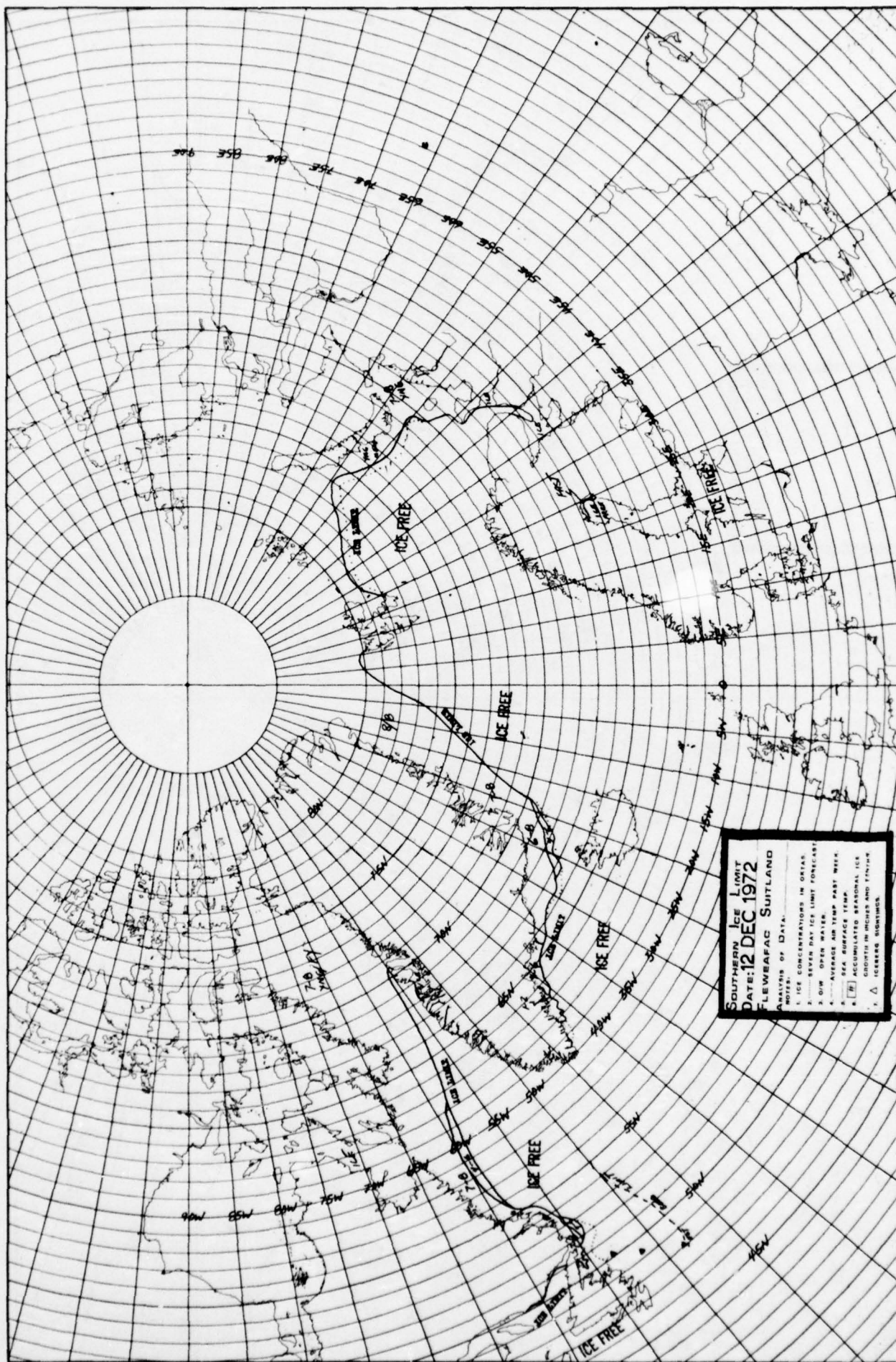
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- 2. SEVEN DAY ICE LIMIT FORECAST
- 3. OPEN WATER
- 4. AVERAGE AIR TEMP PAST WEEK
- 5. SEA SURFACE TEMP
- 6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
- 7. ICEBERG SIGHTINGS

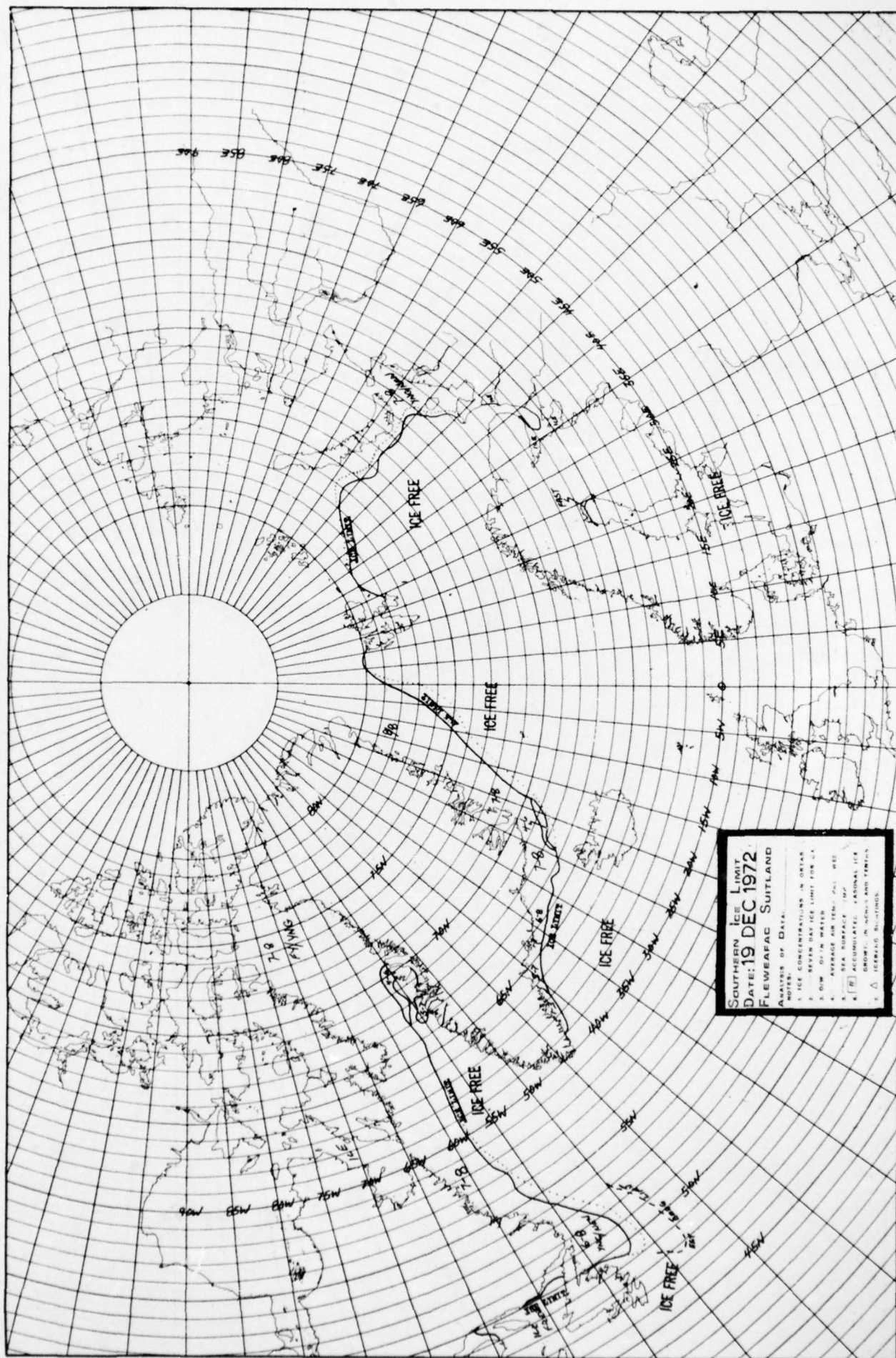


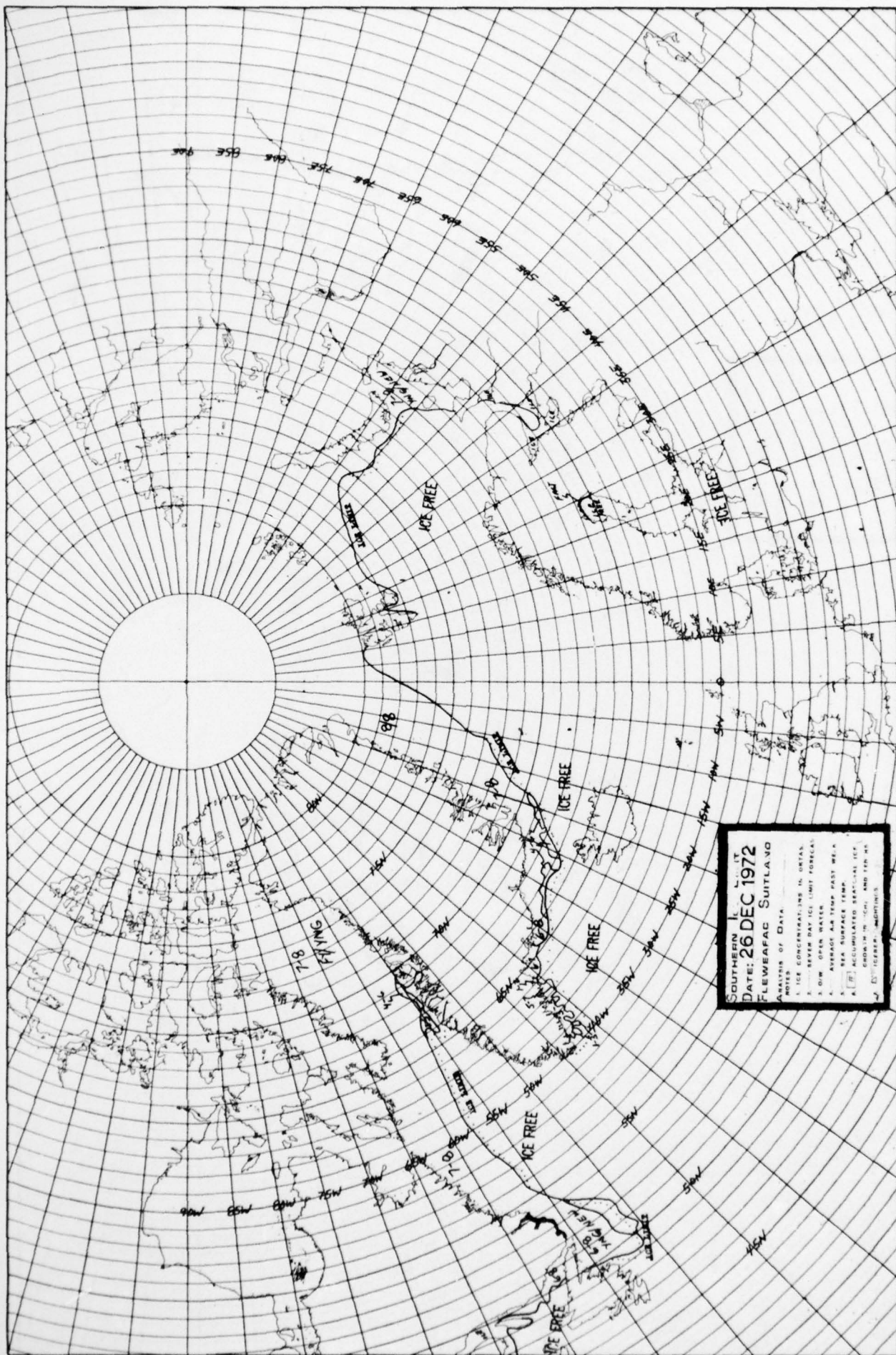


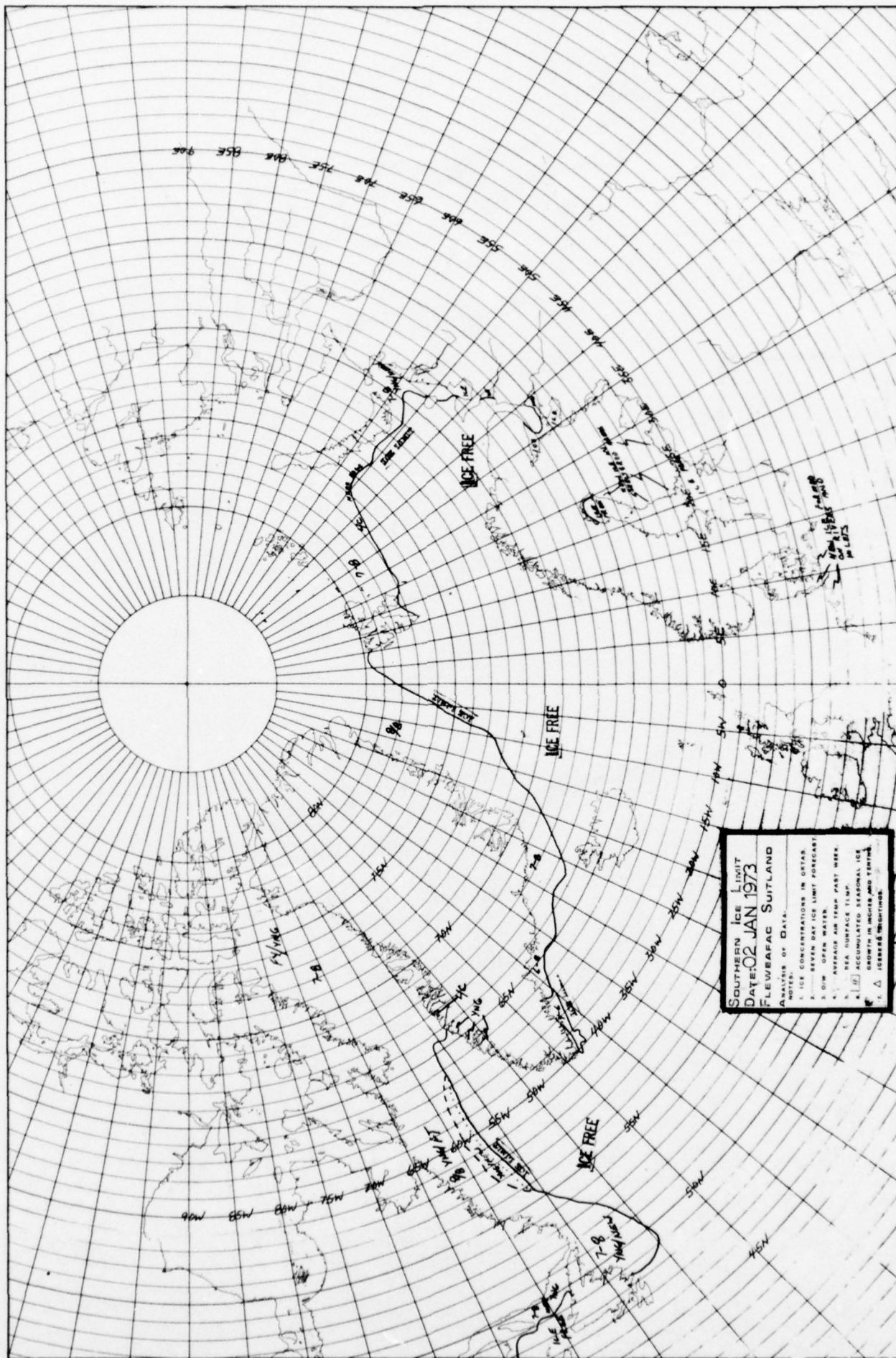


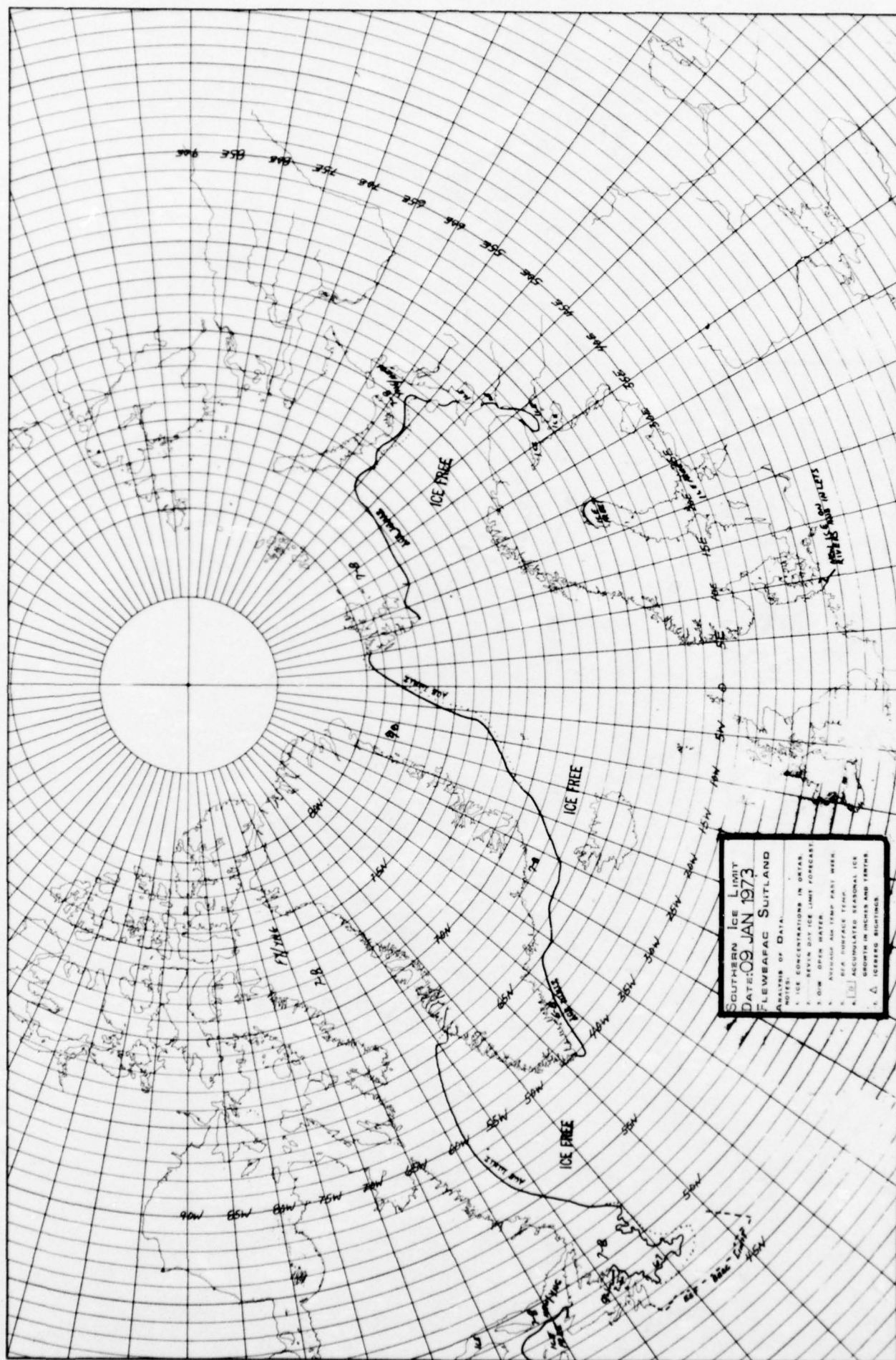


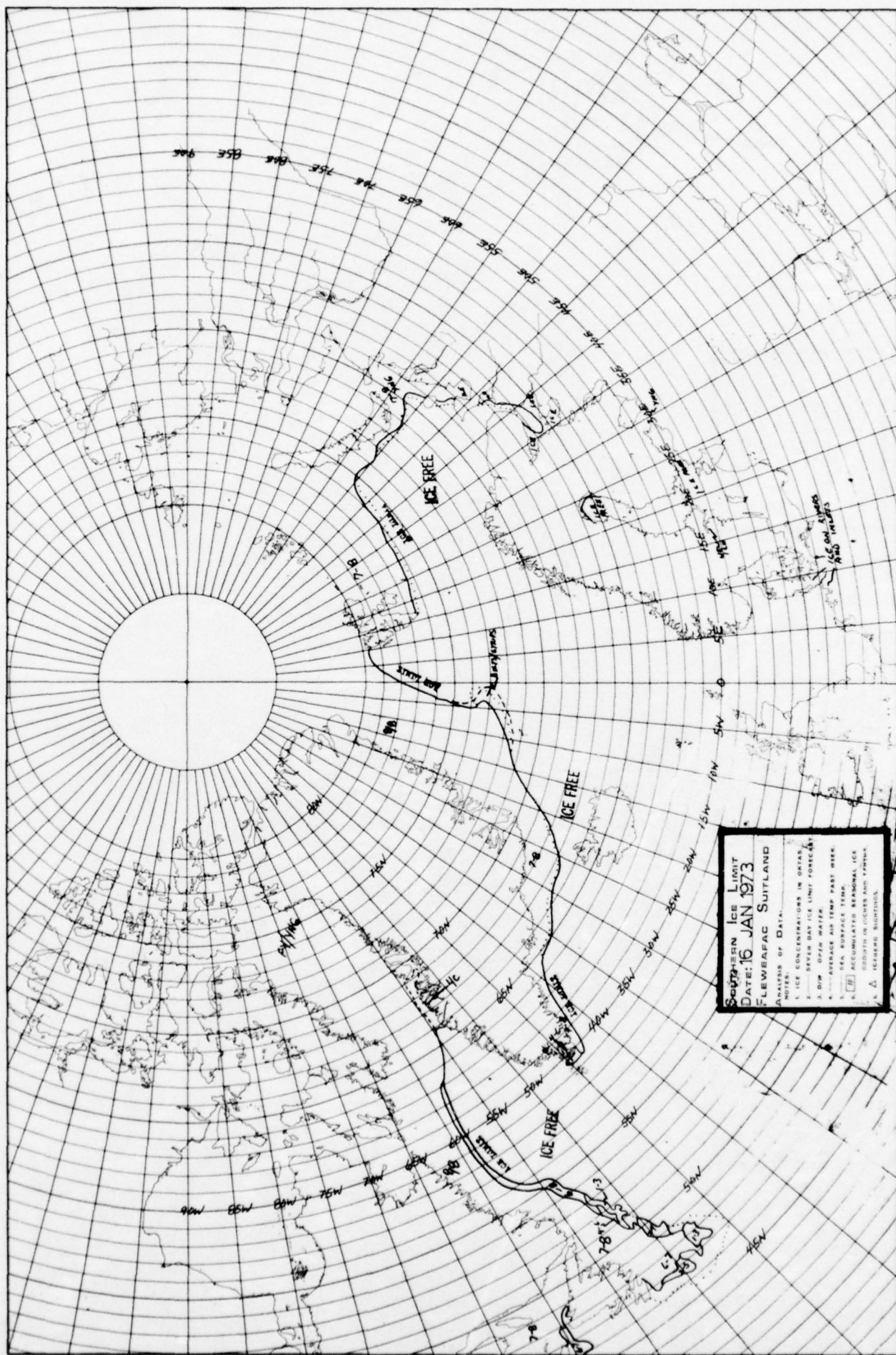


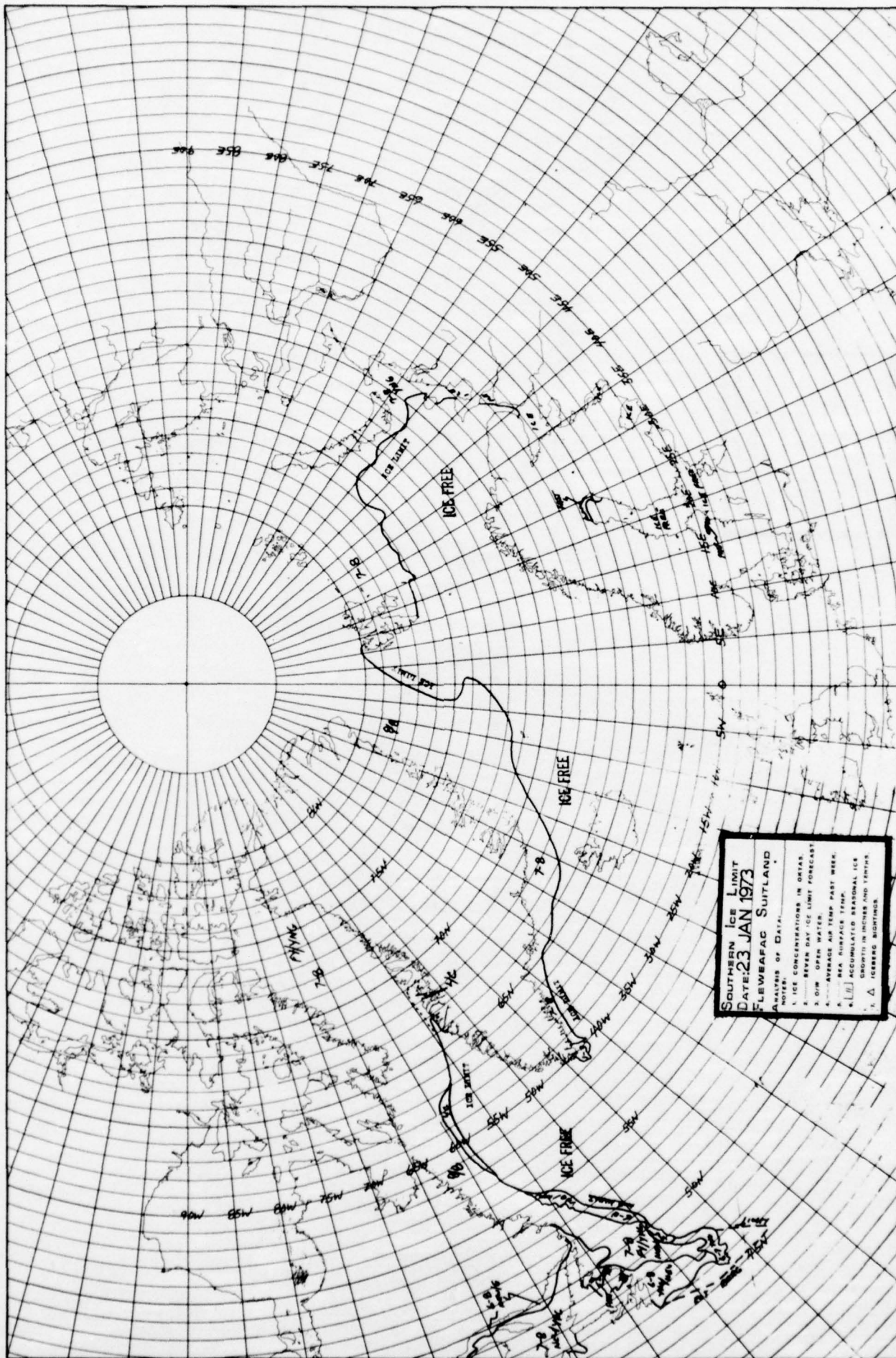


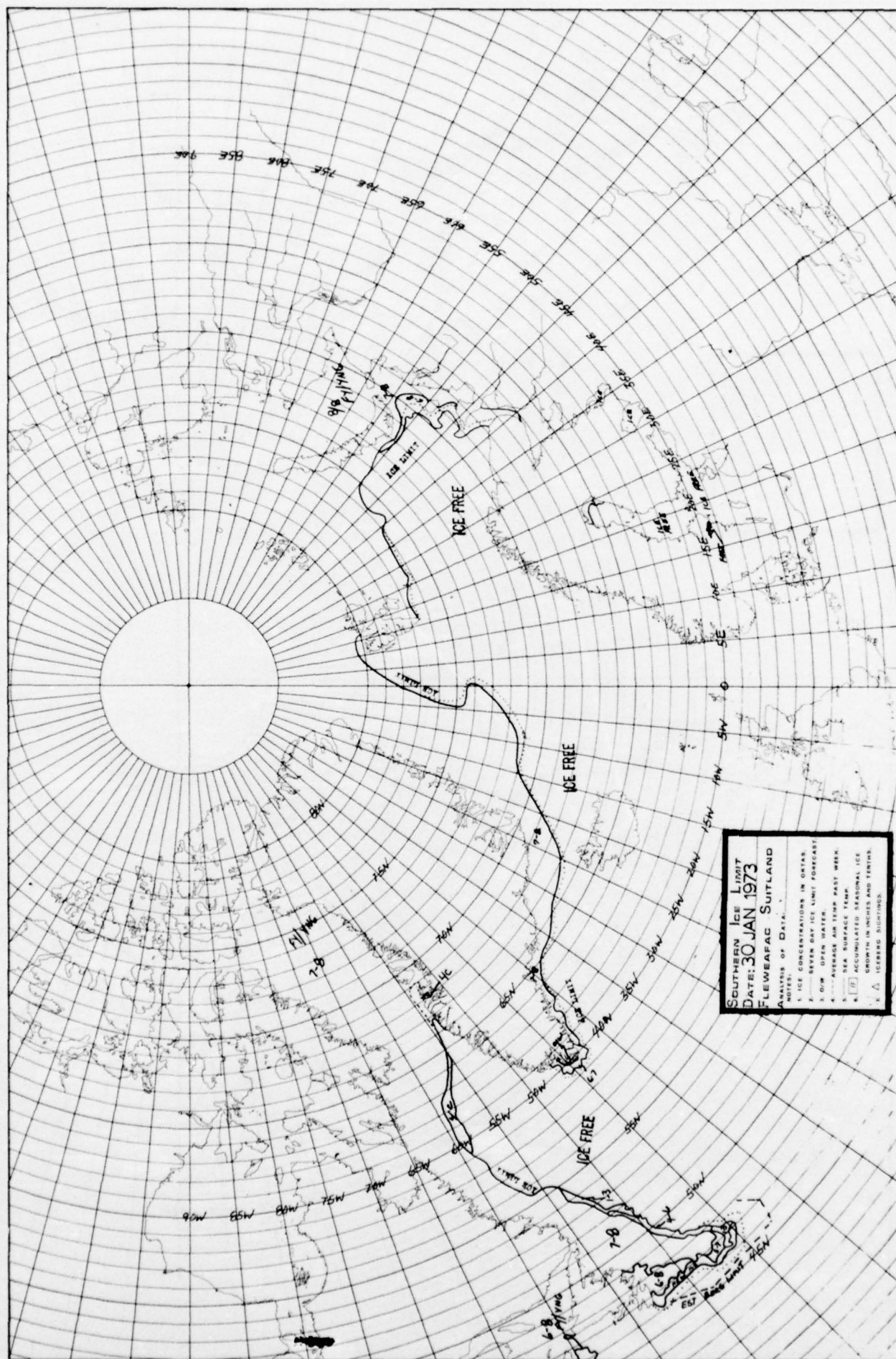


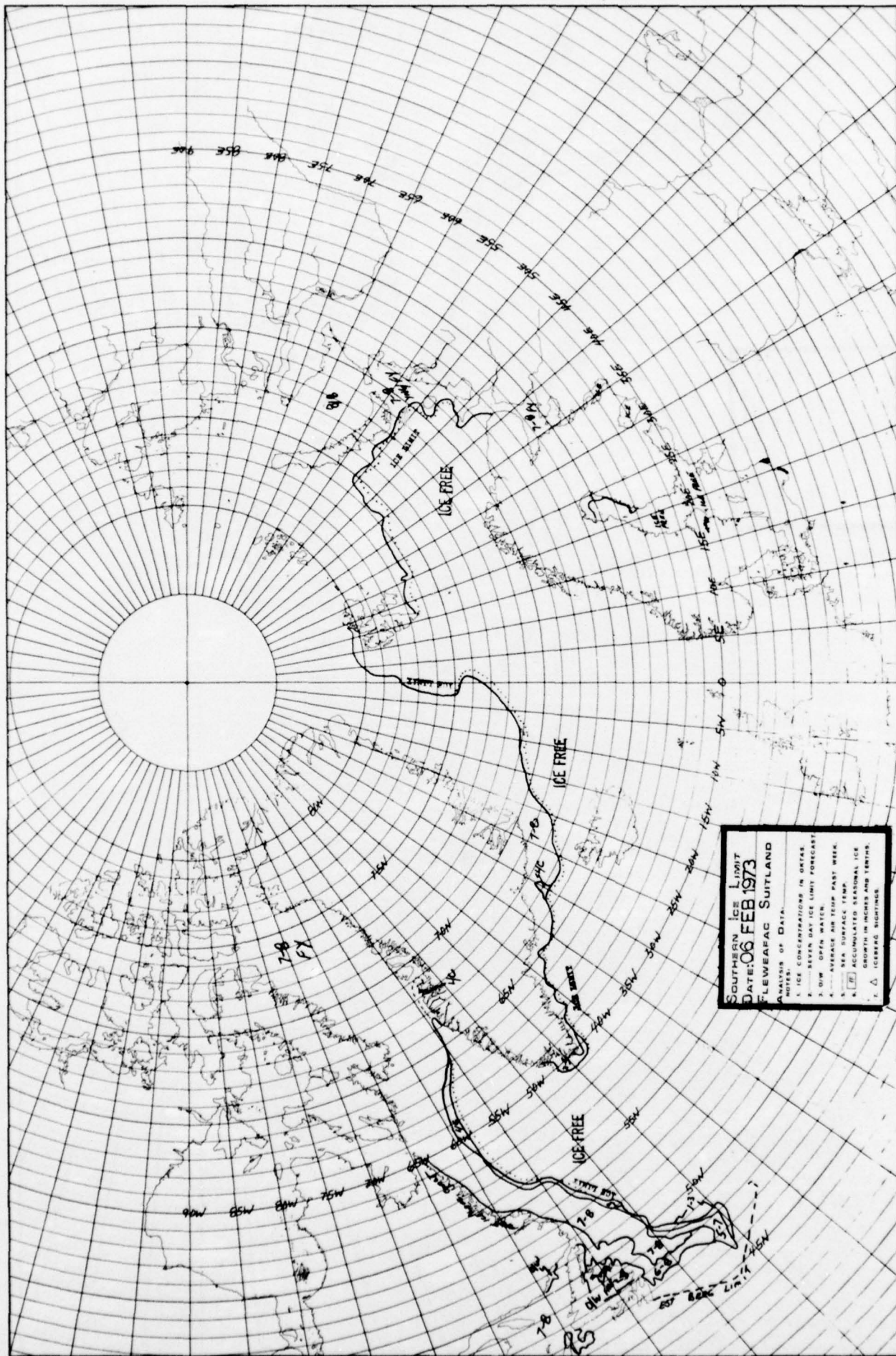




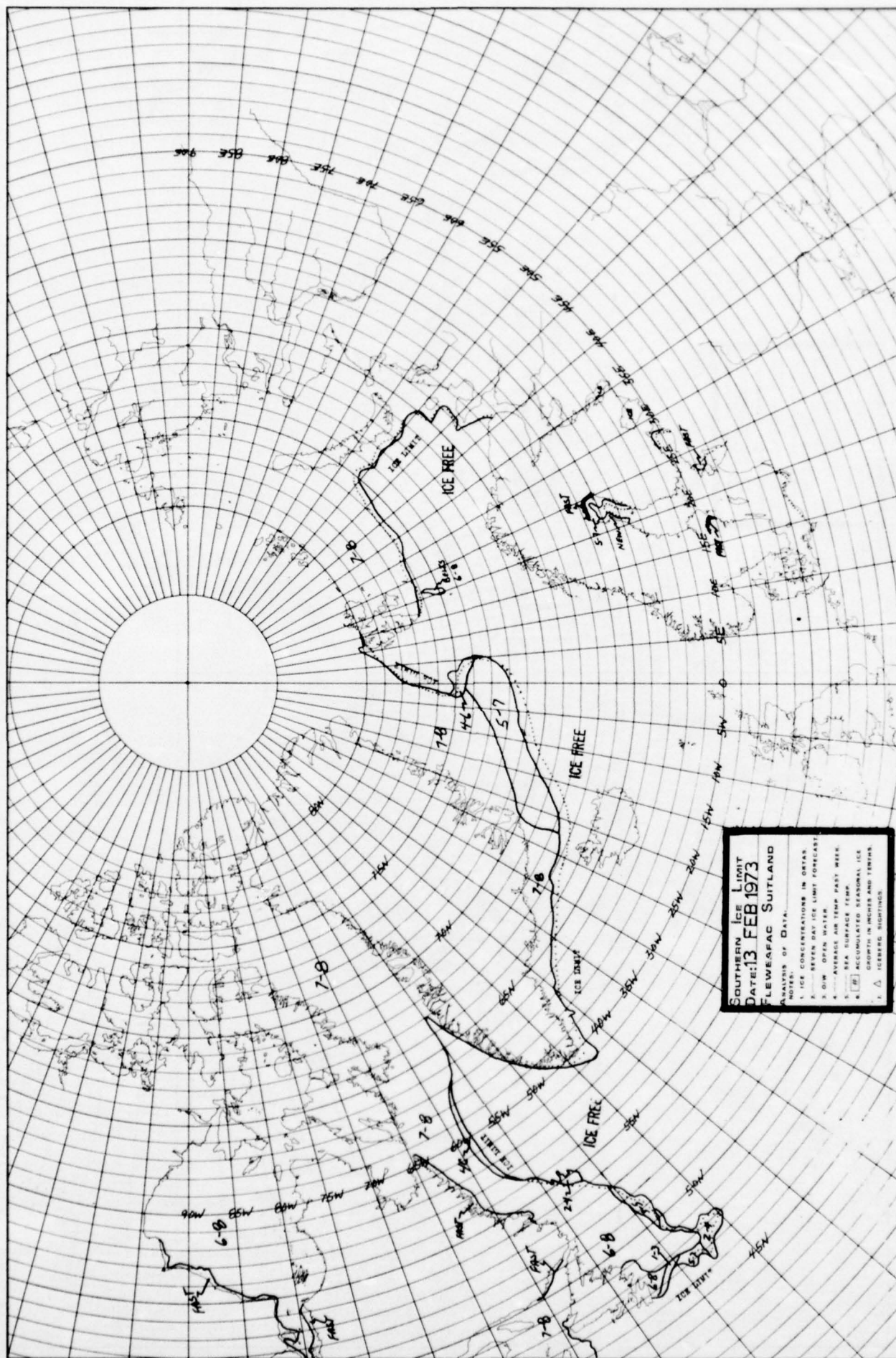


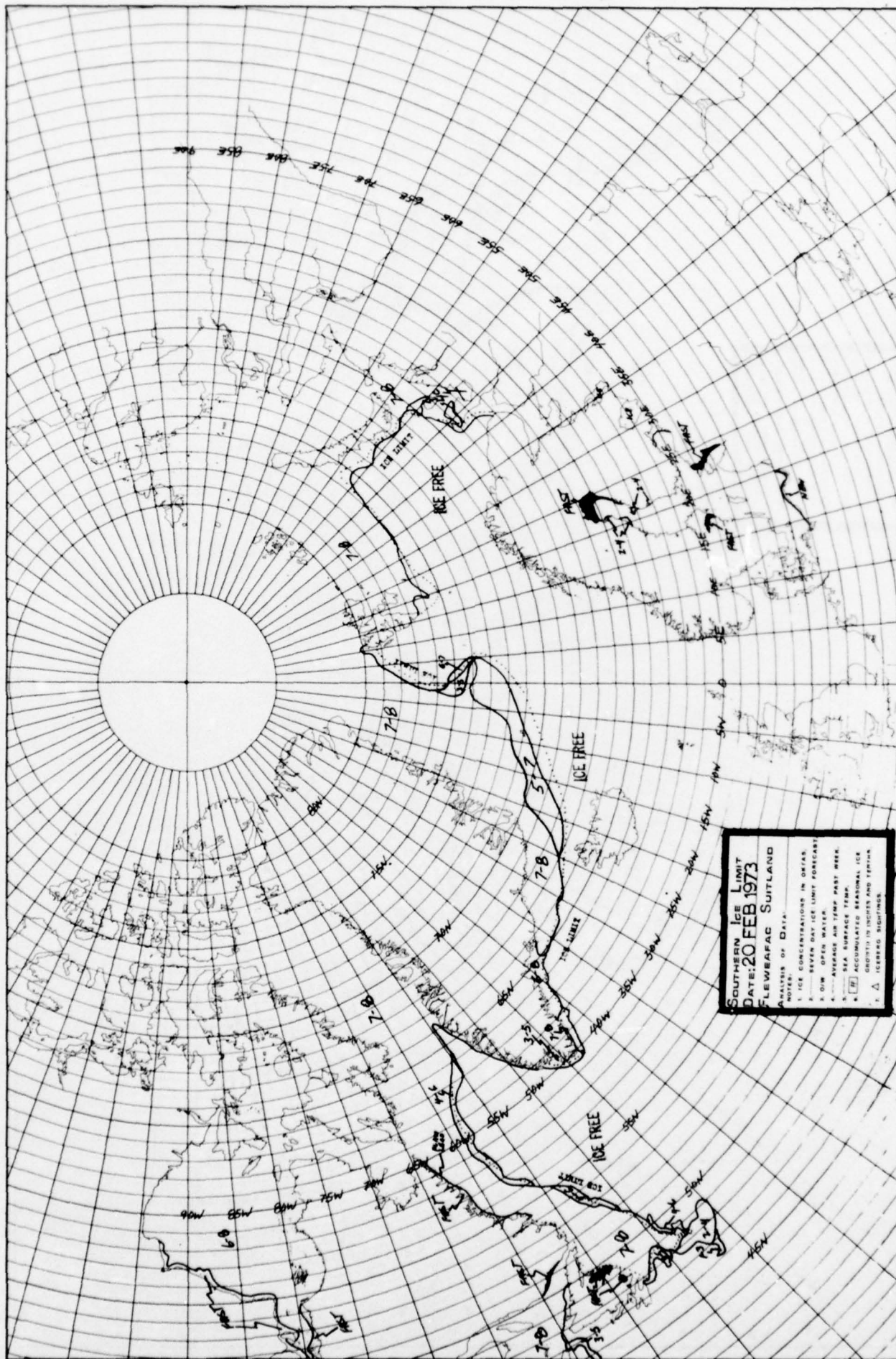


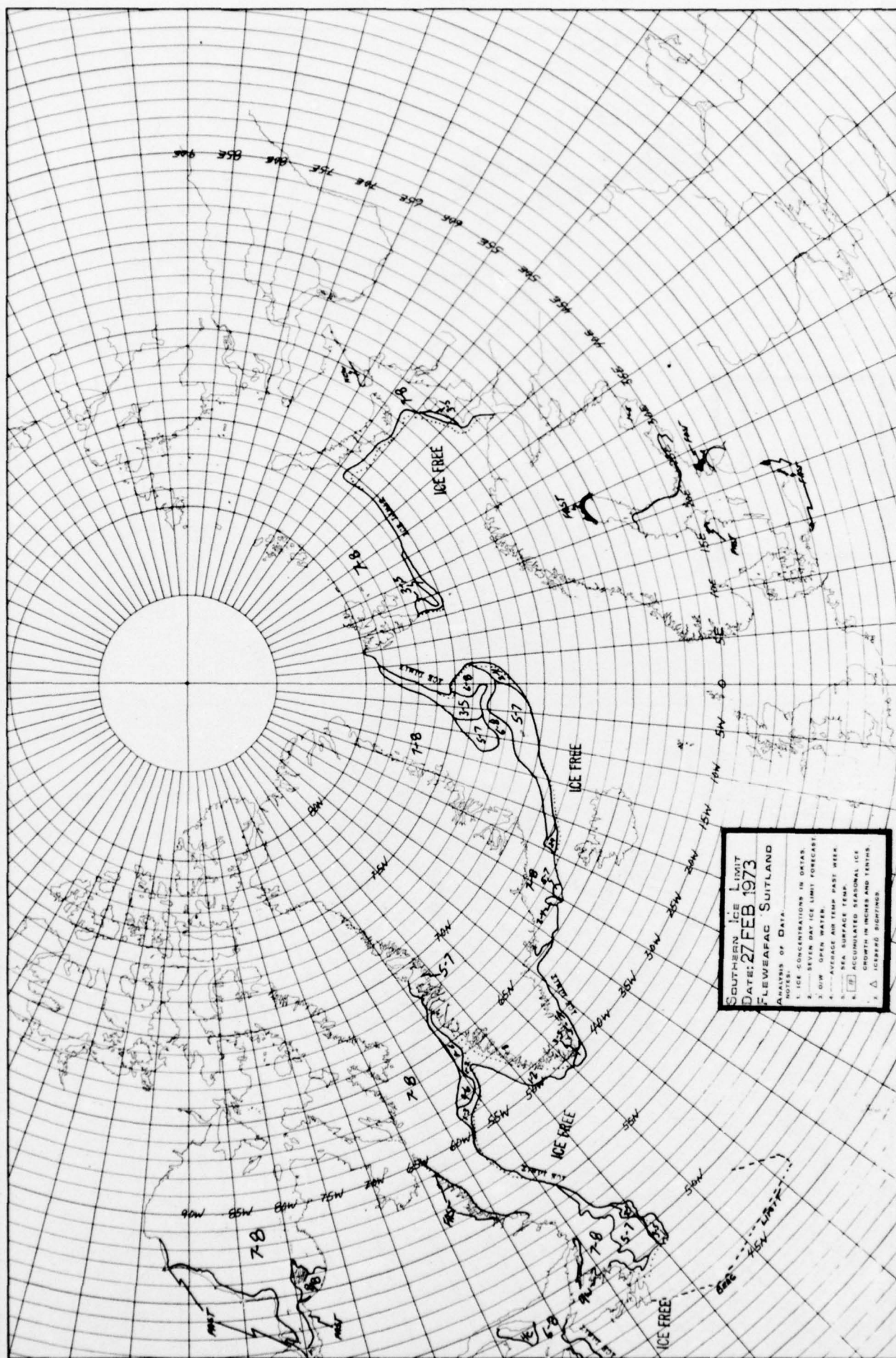


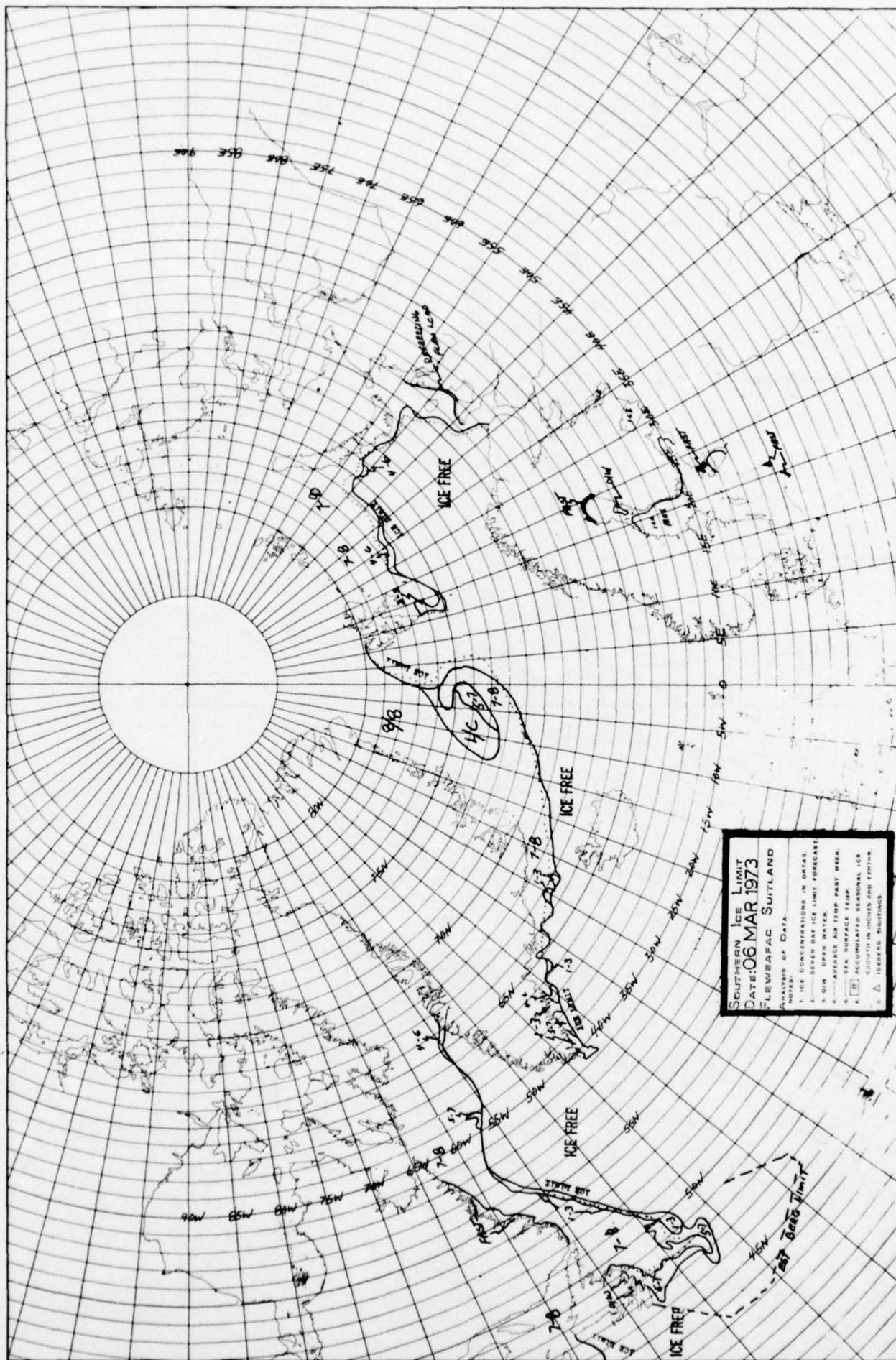


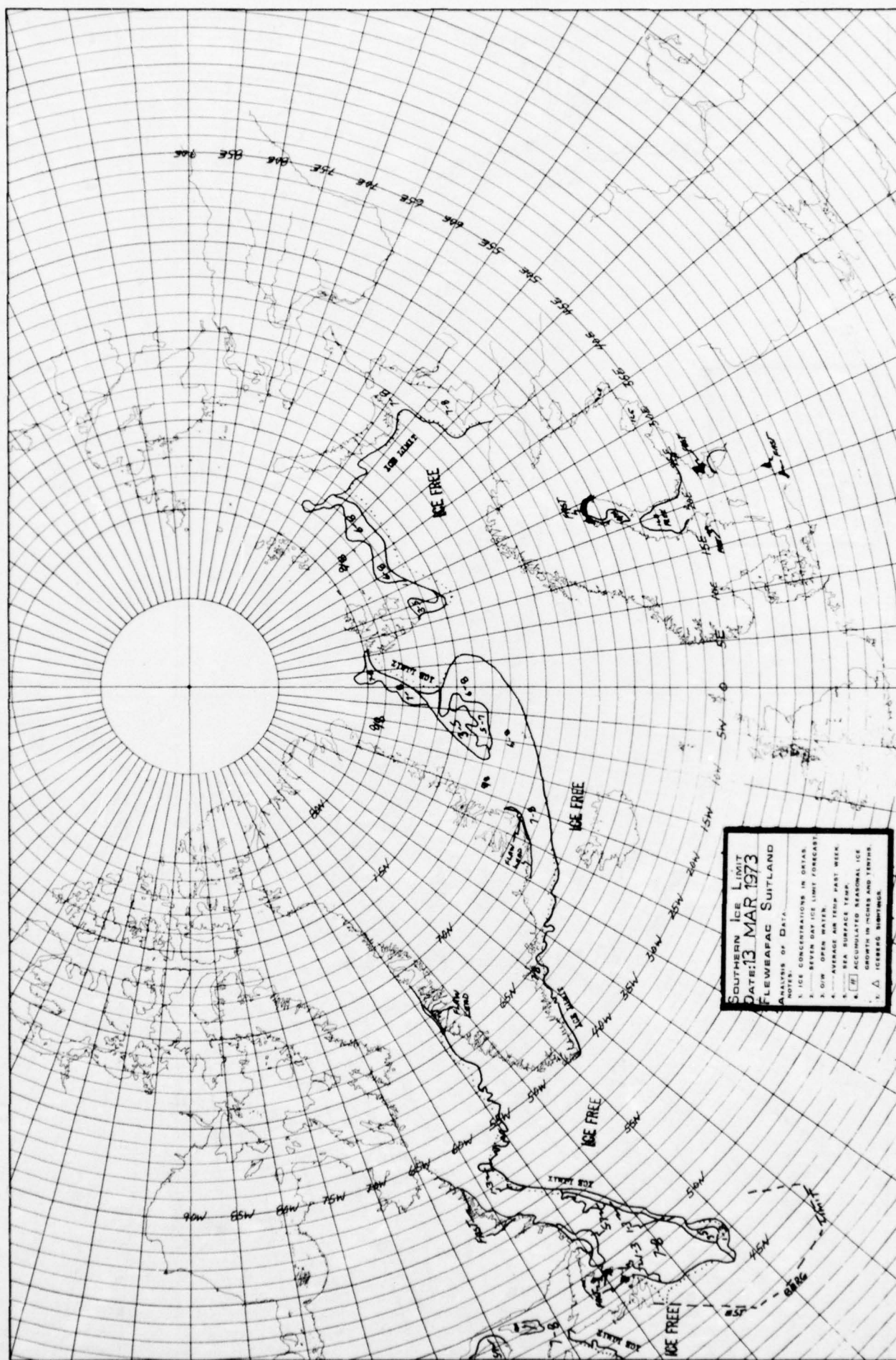
SOUTHERN ICE LIMIT
 DATE: 06 FEB 1973
 FLEWEAFAC SUITLAND
 ANALYSIS OF DATA:
 1. ICE CONCENTRATIONS IN UNITS
 2. SEVEN DAY ICE LIMIT FORECAST
 3. OPEN WATER
 4. AVERAGE AIR TEMP PAST WEEK
 5. SEA SURFACE TEMP
 6. ACCUMULATED SEASONAL ICE
 GROWTH IN INCHES AND TENTHS
 7. ICEBERG SIGHTINGS

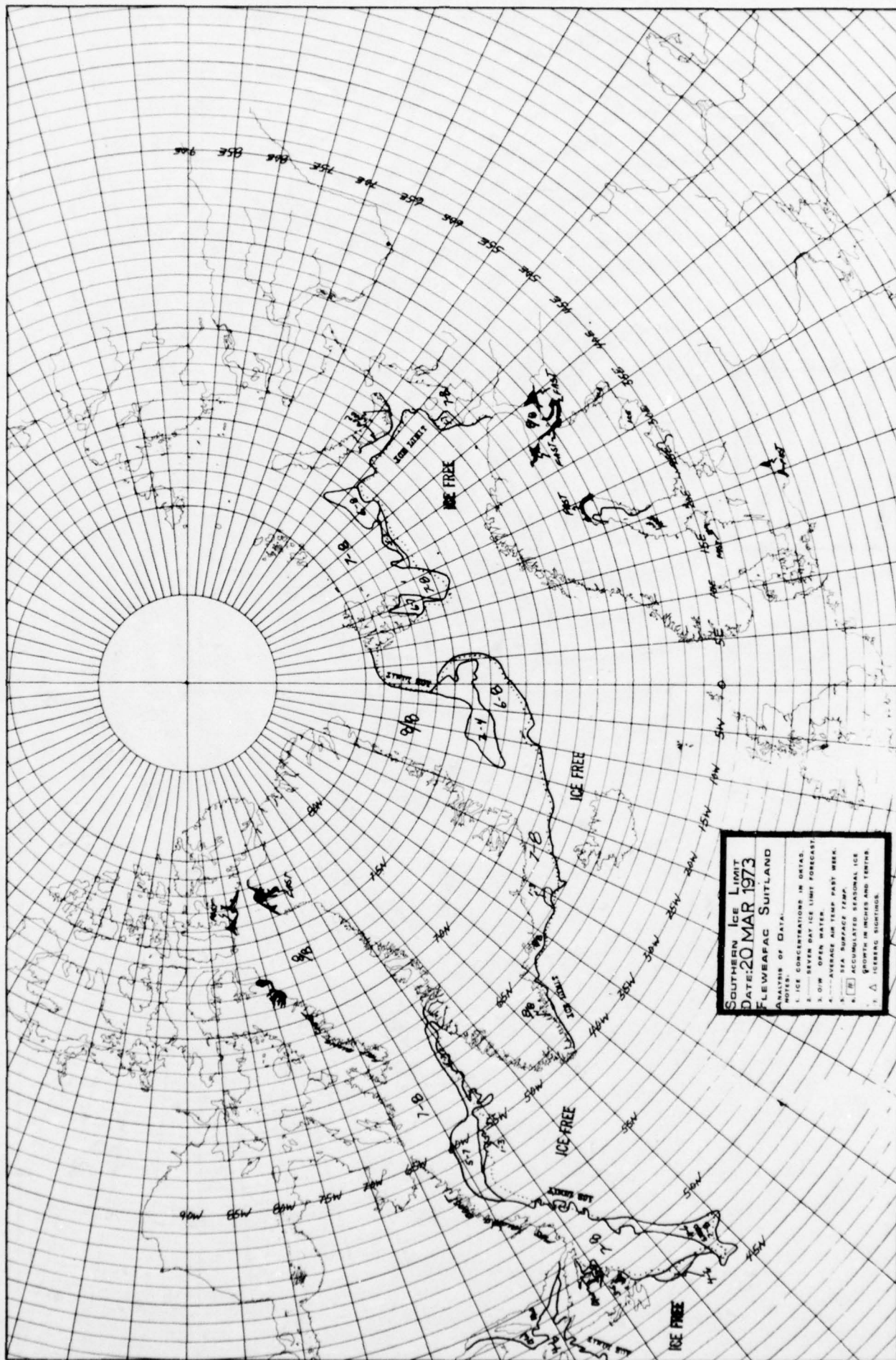


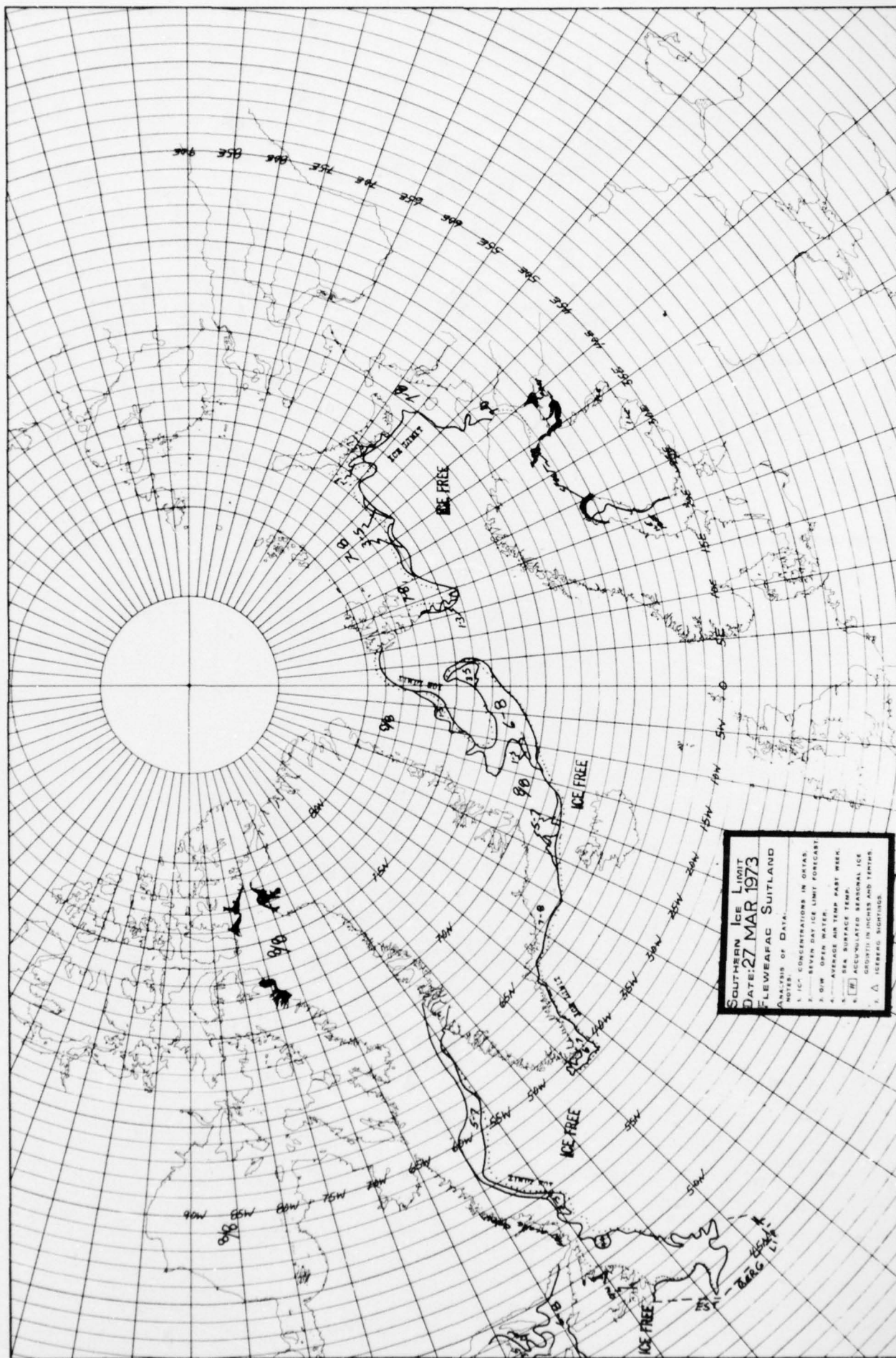


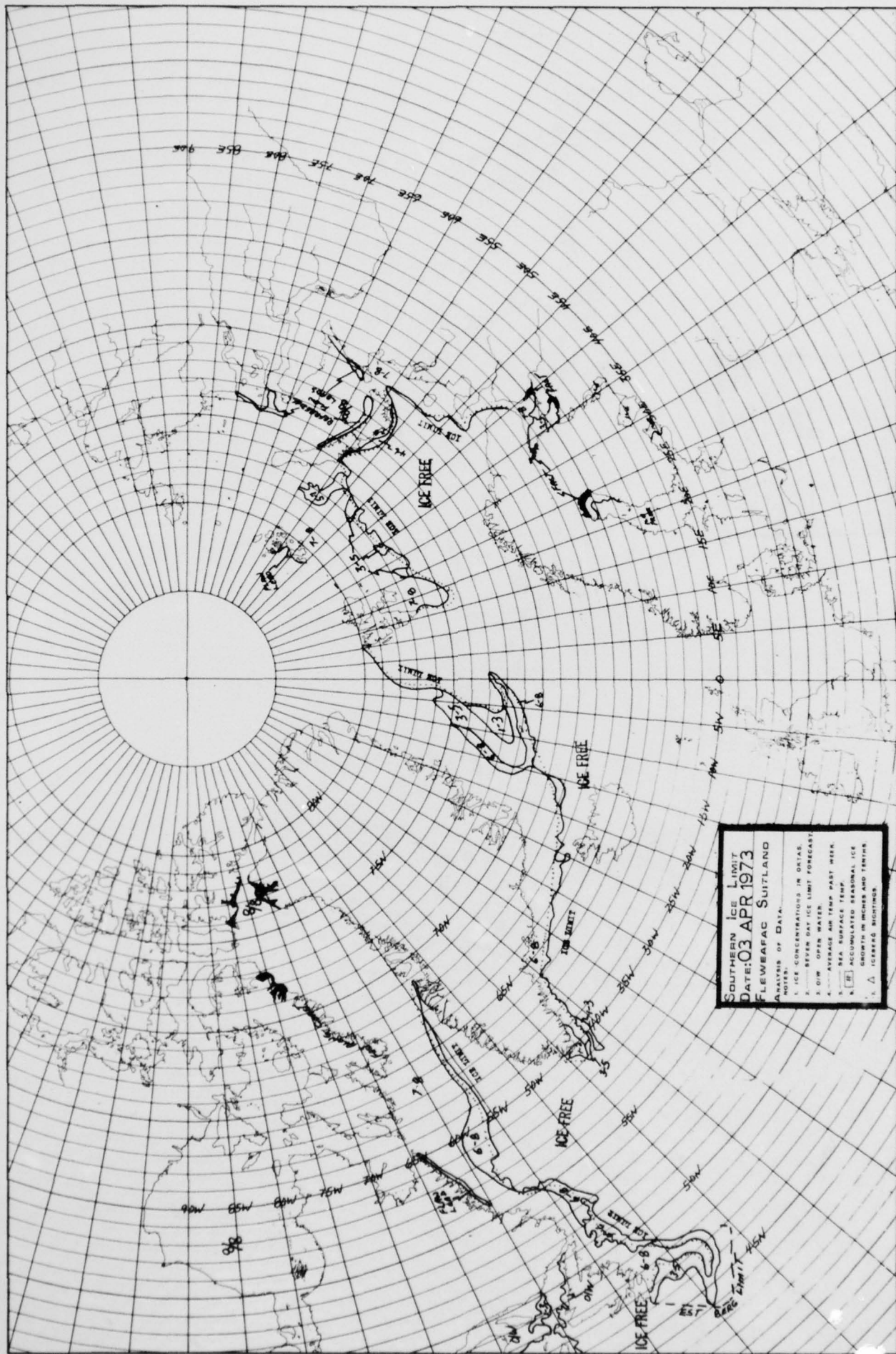








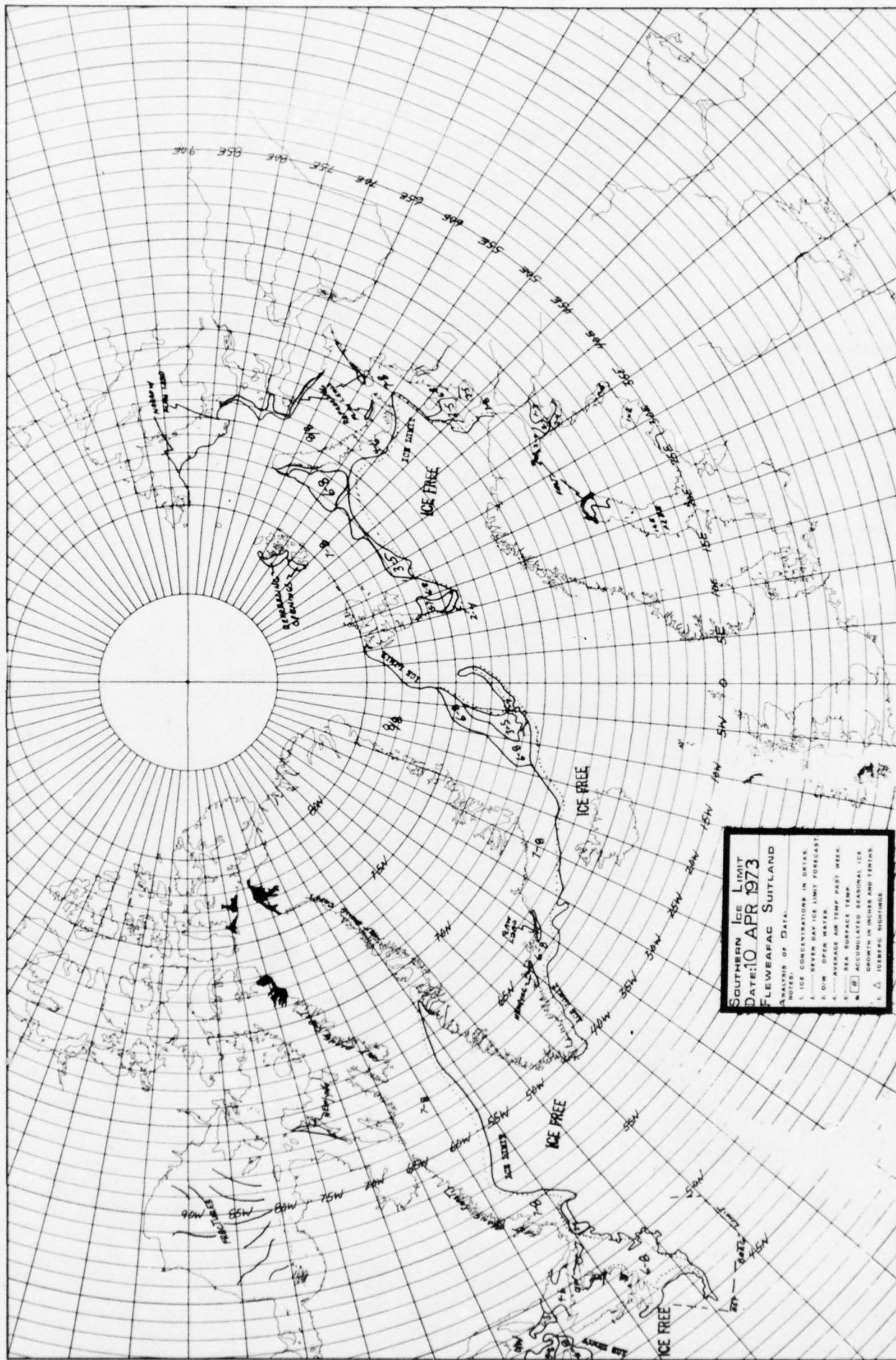


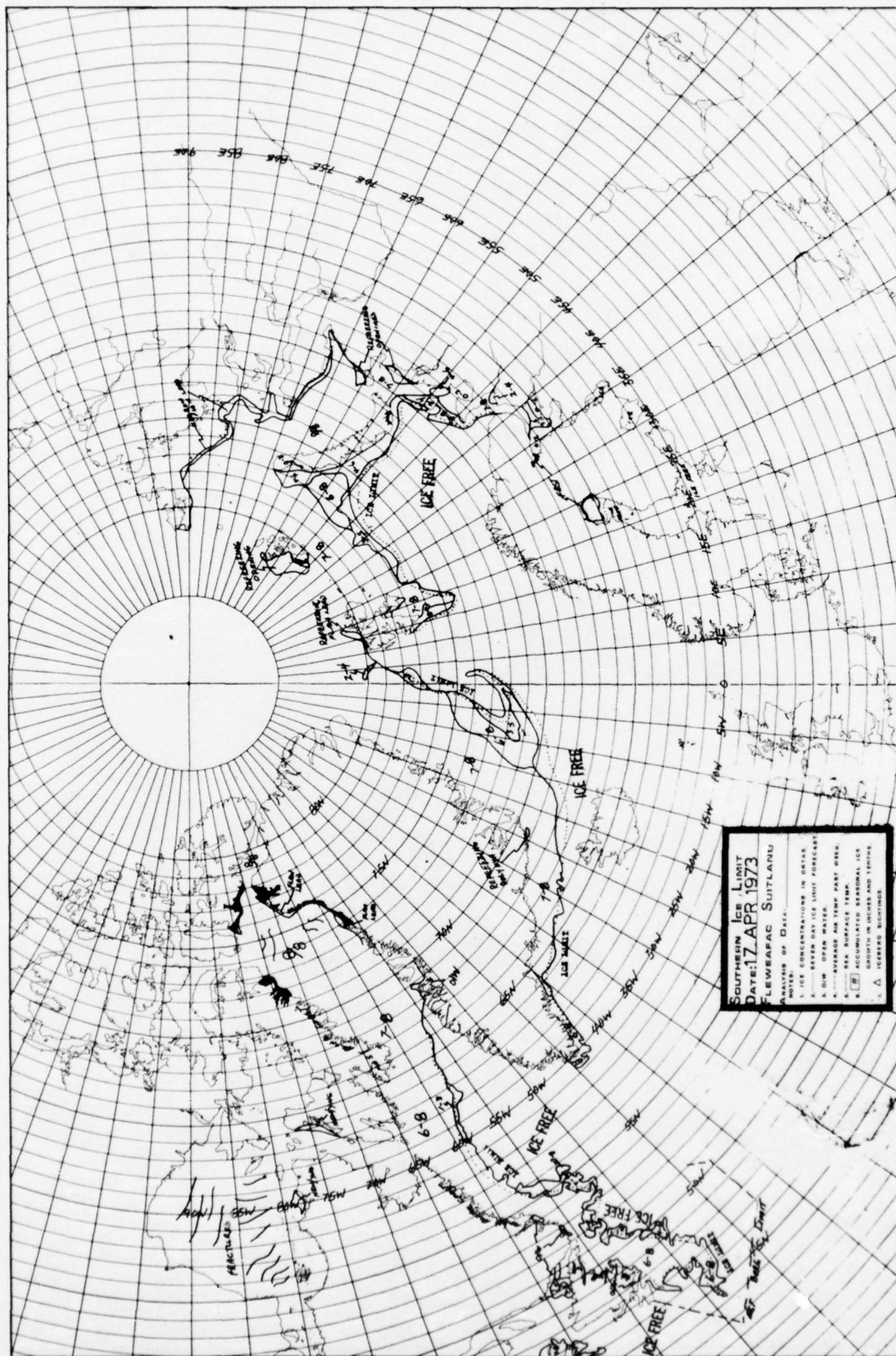


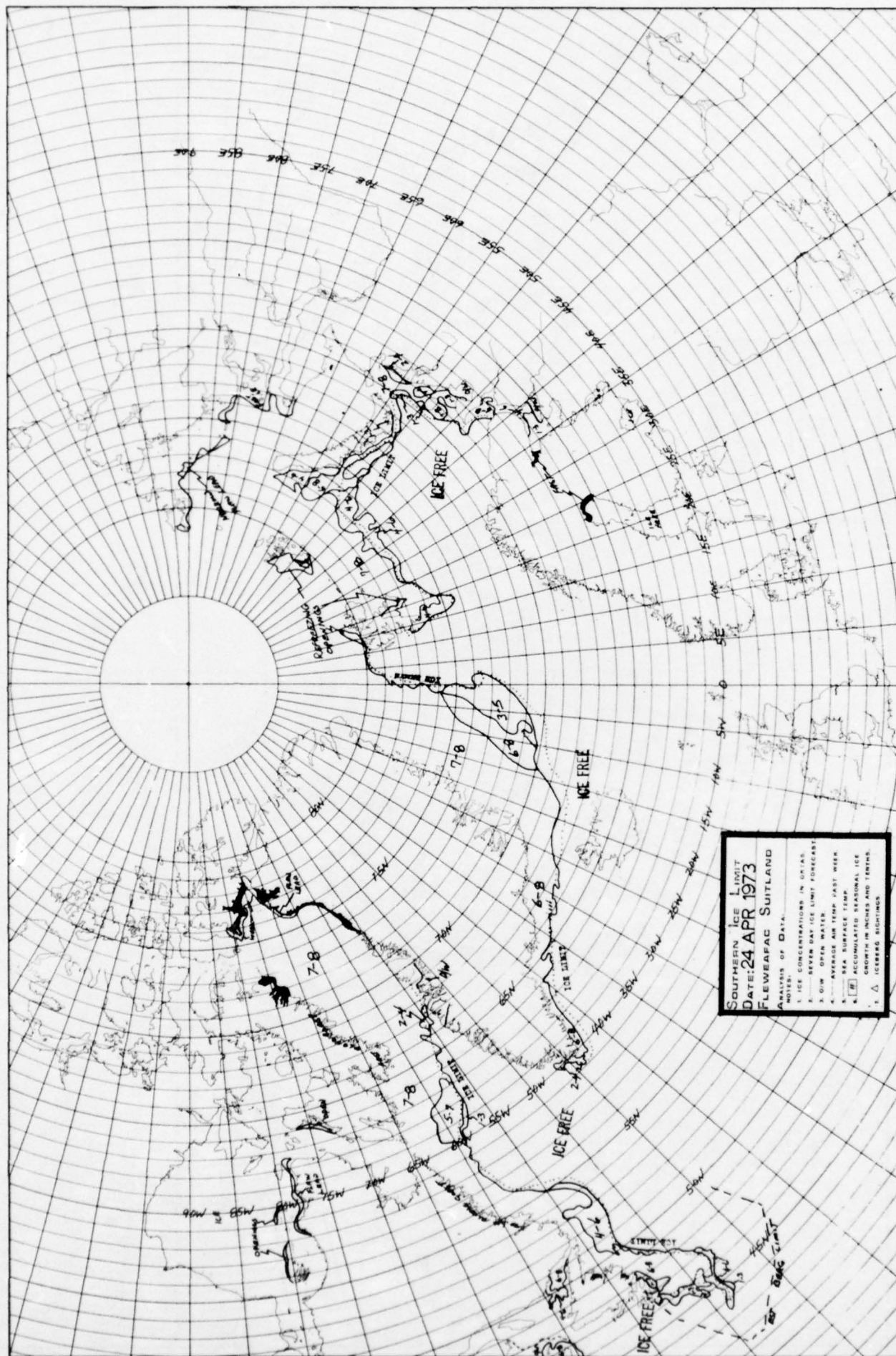
SOUTHERN ICE LIMIT
DATE: 03 APR 1973
FLEWEAFAC SUTLAND

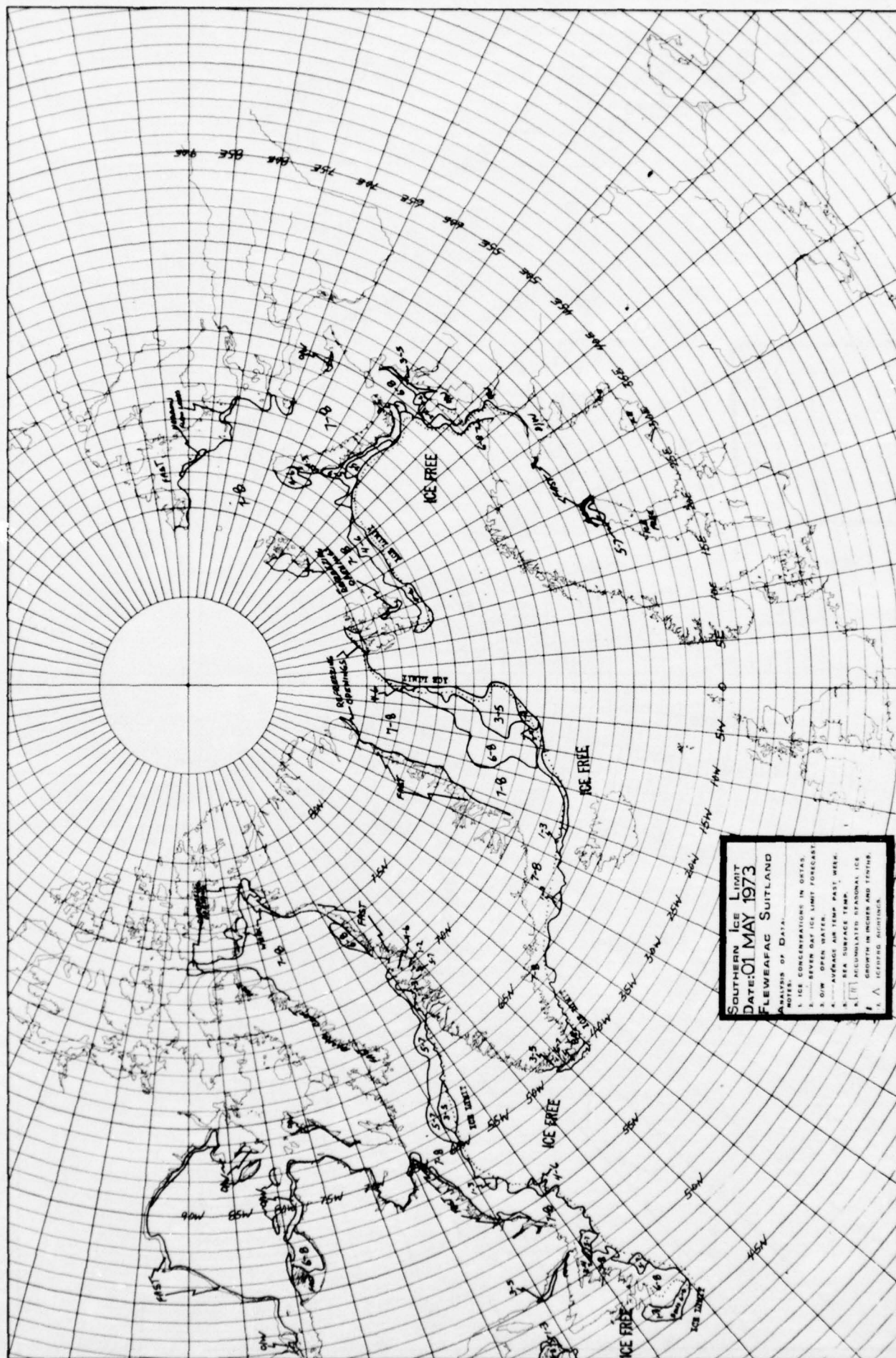
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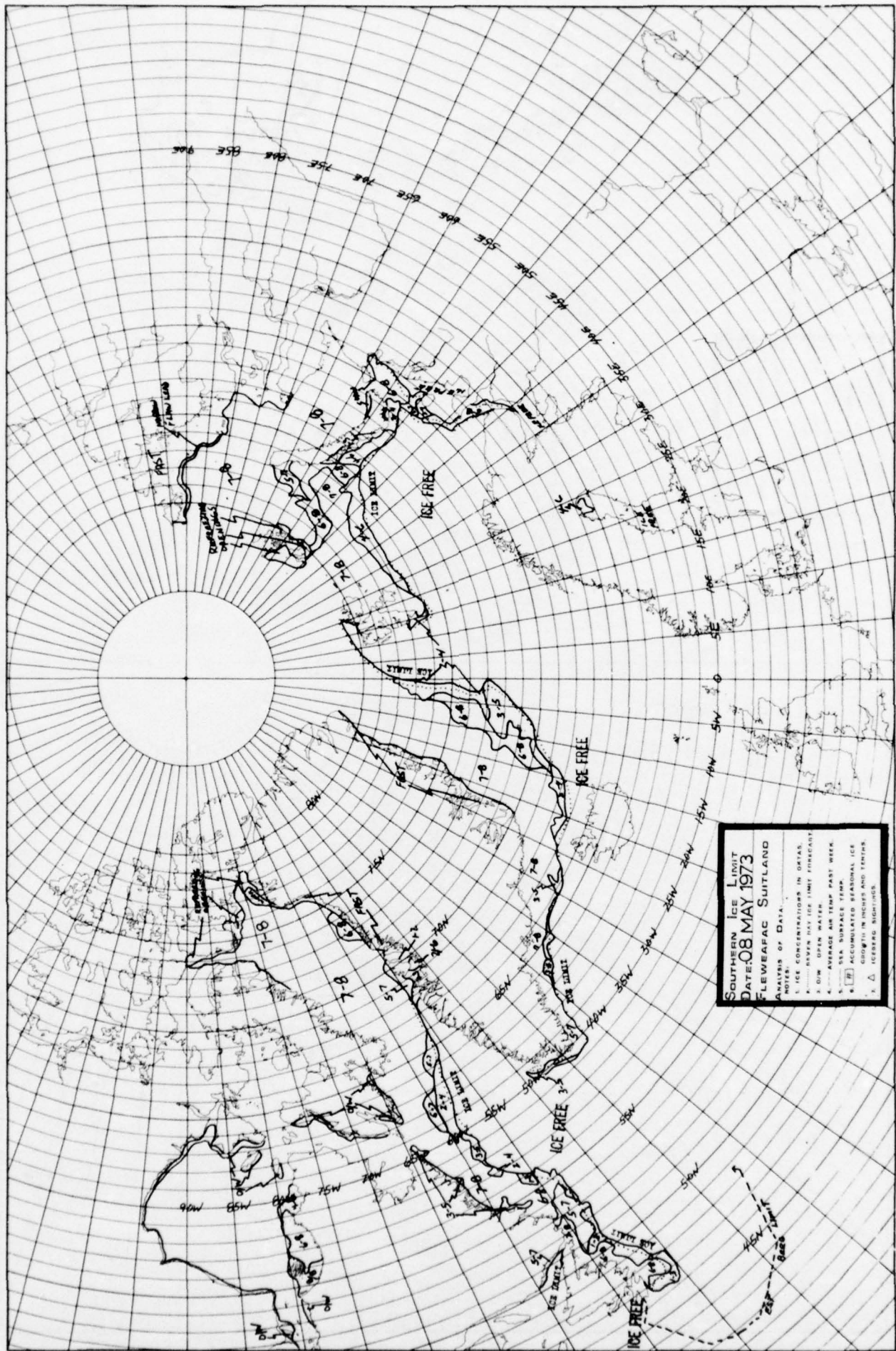
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- 2. SEVEN DAY ICE LIMIT FORECAST
- 3. DIM OPEN WATER
- 4. AVERAGE AIR TEMP PAST WEEK
- 5. SURFACE TEMP
- 6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
- 7. ICEBERG SIGHTINGS

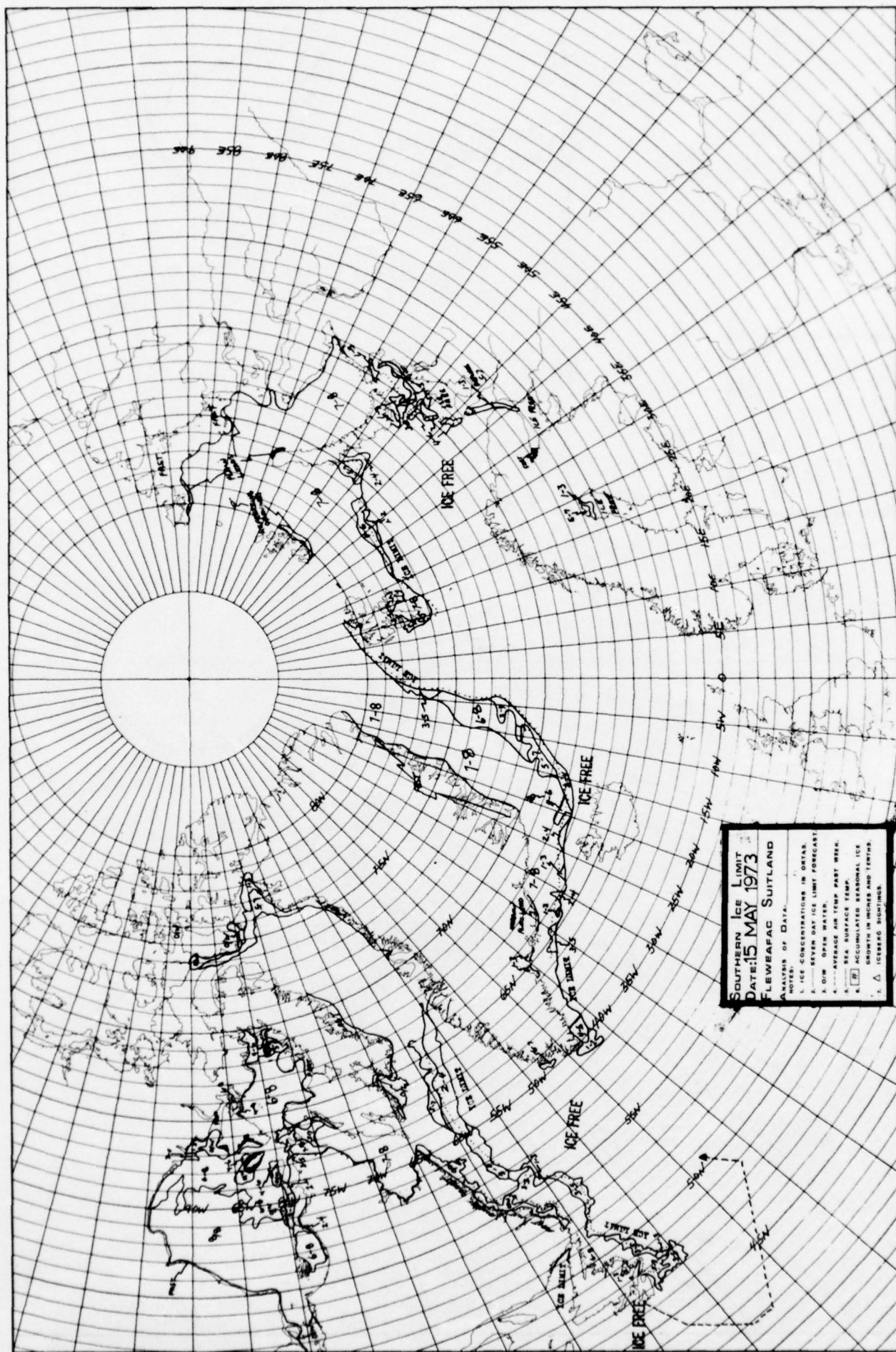


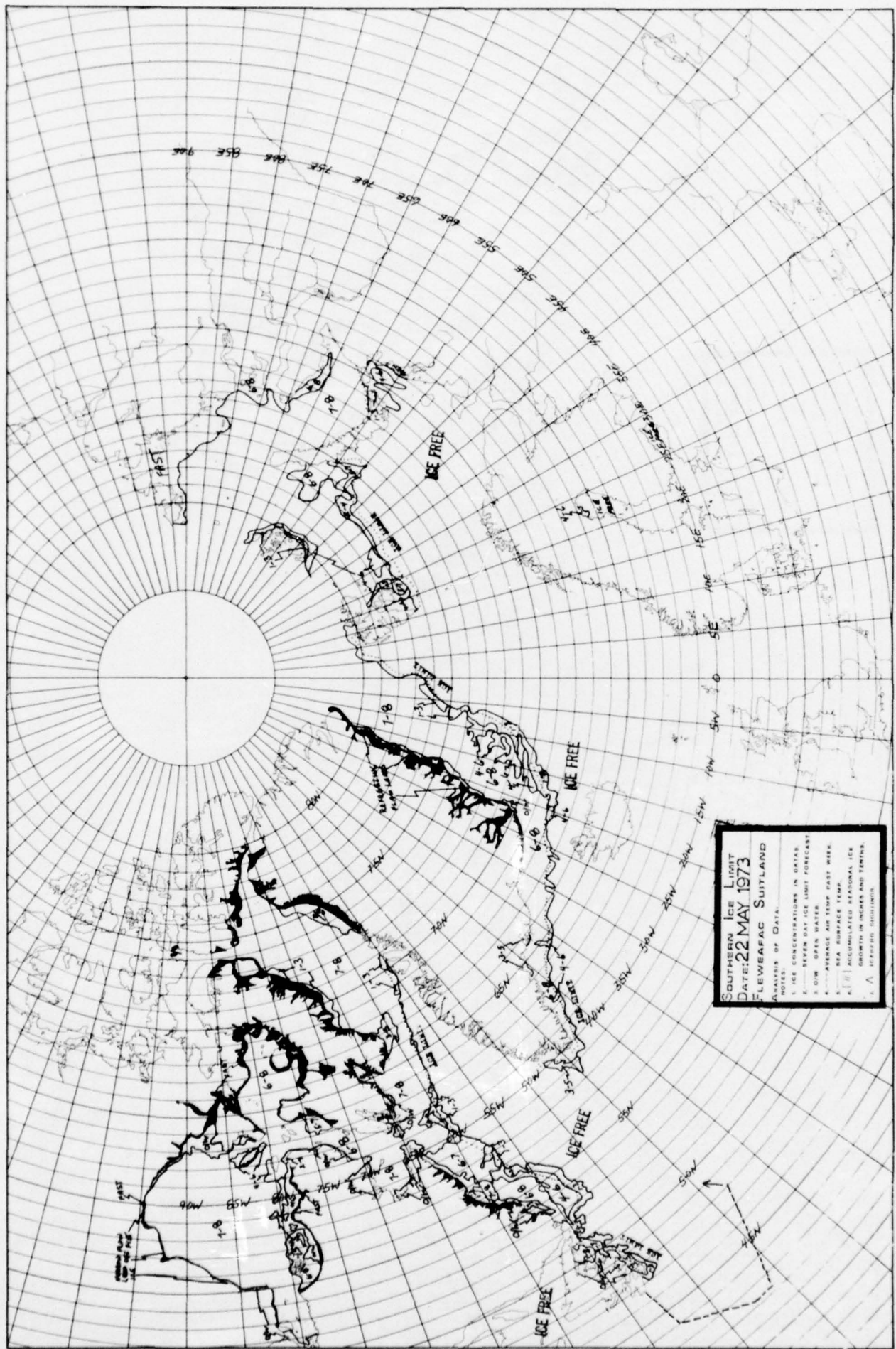


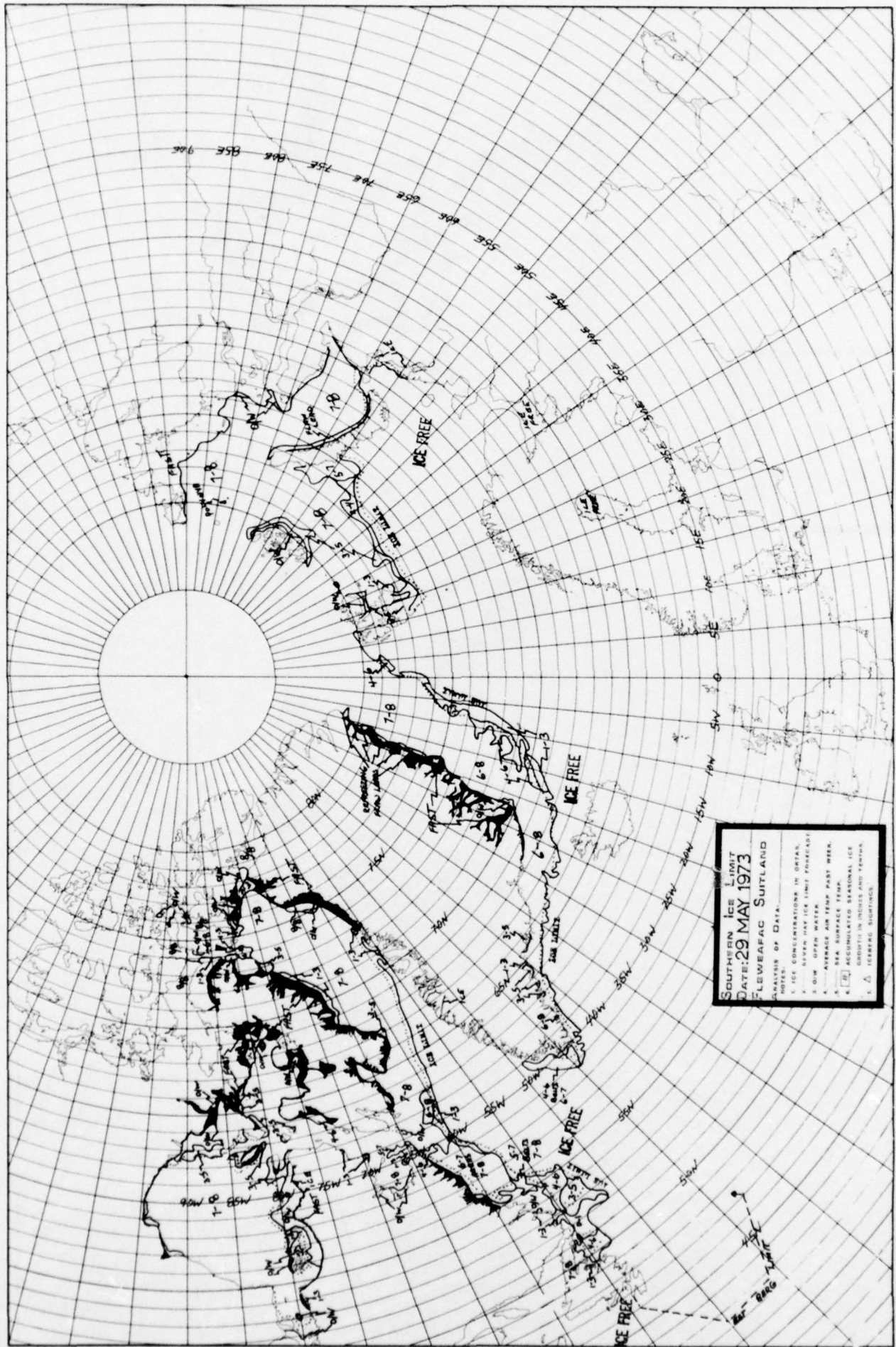


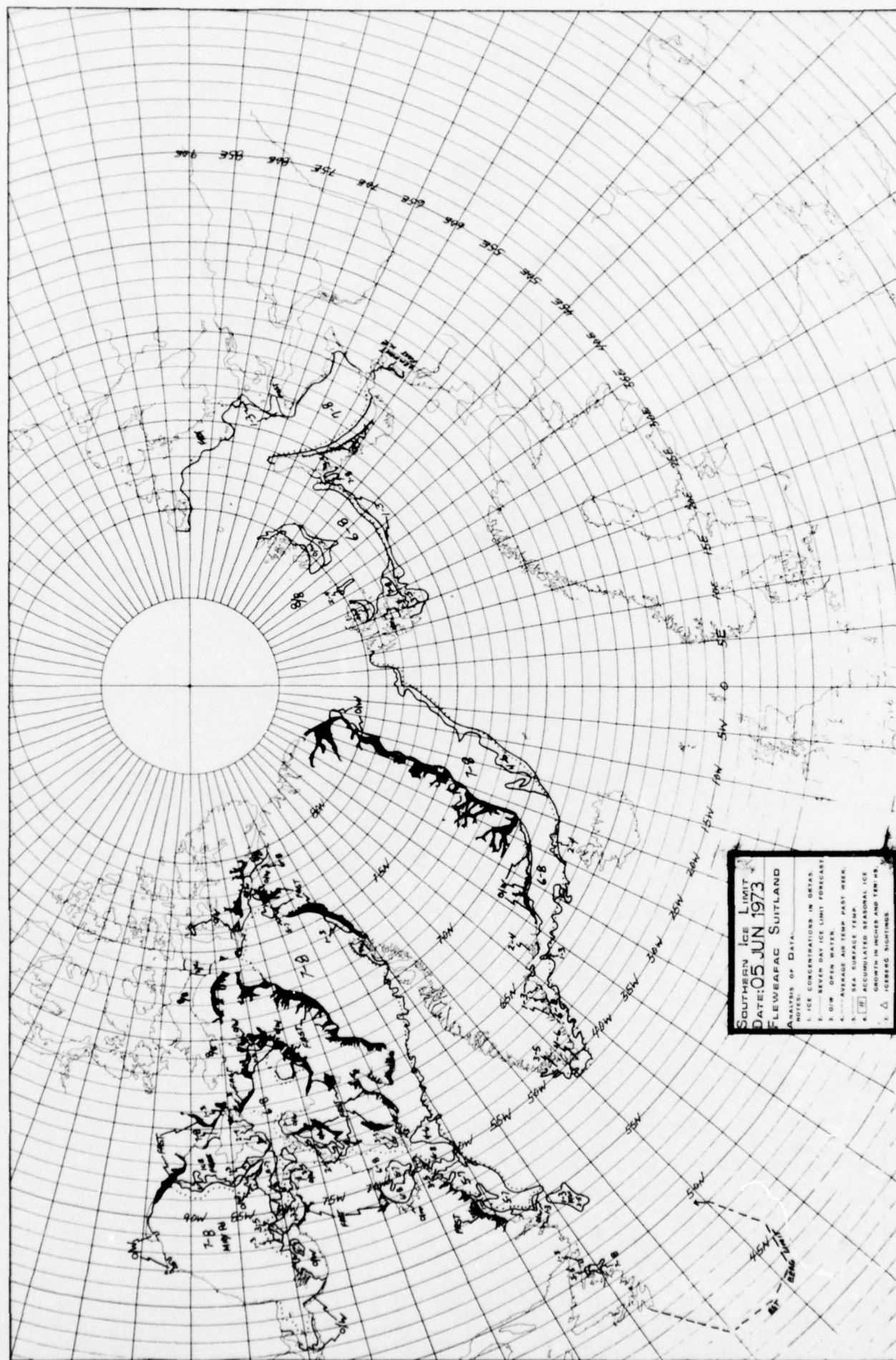


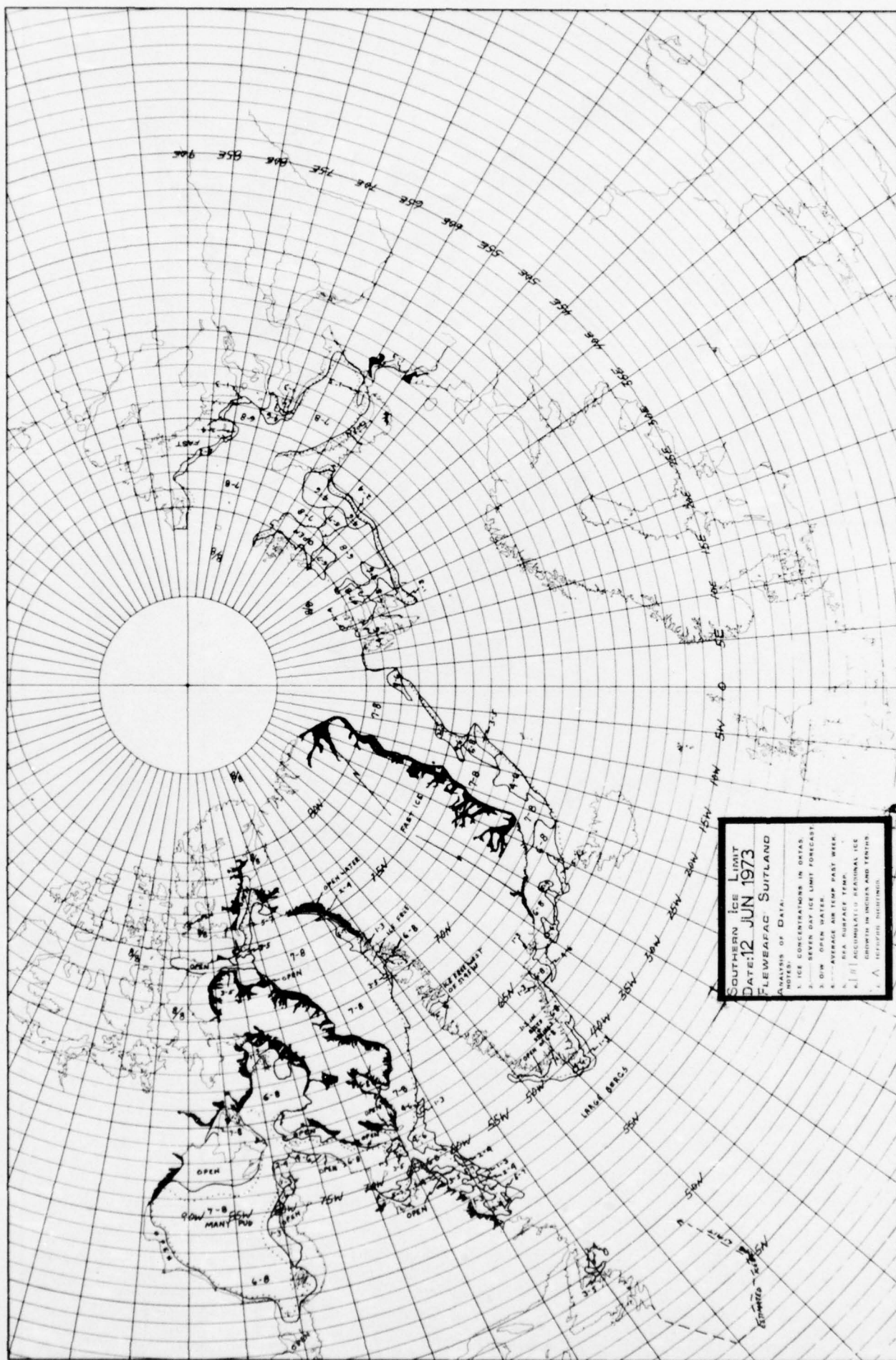




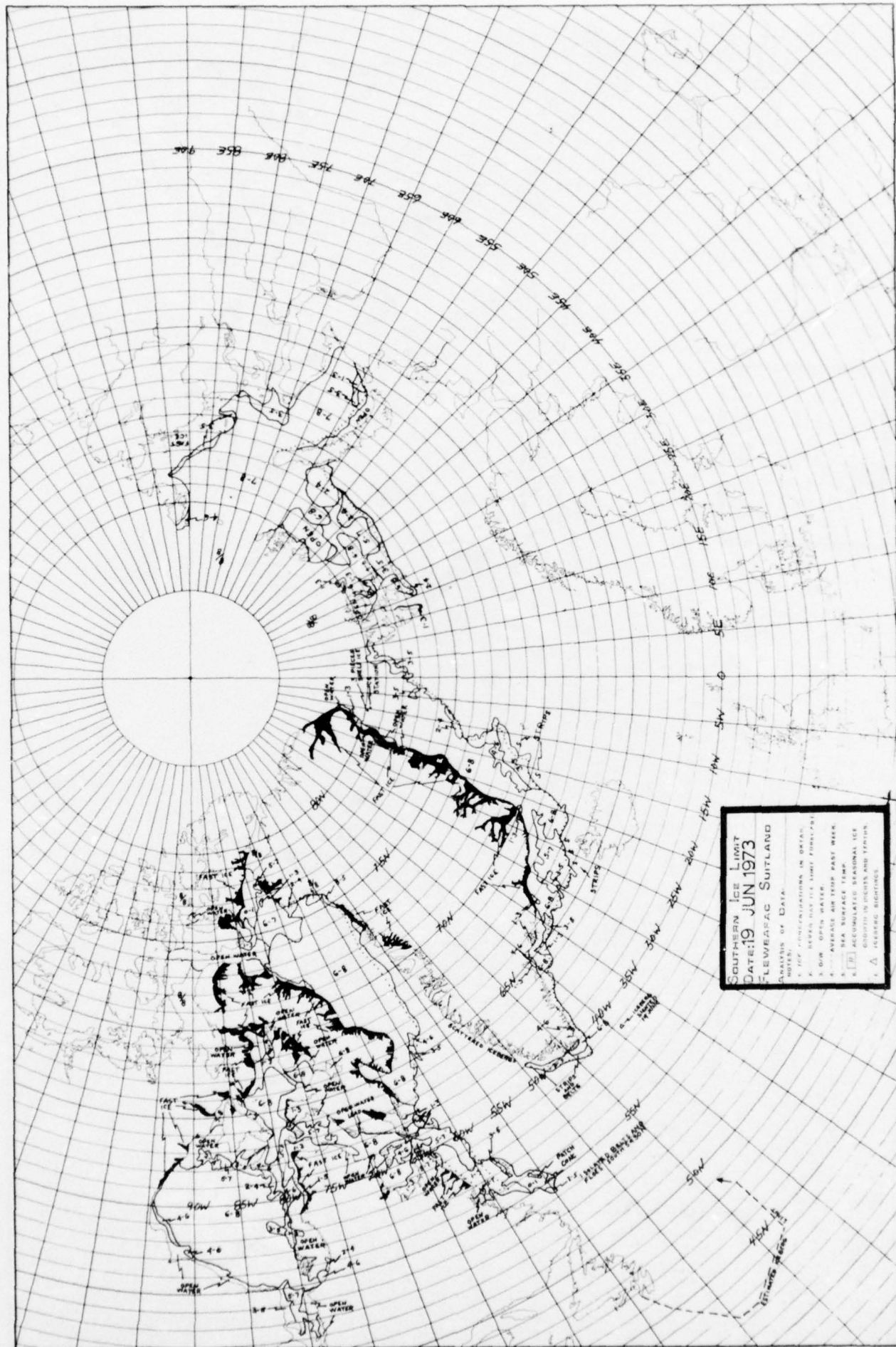


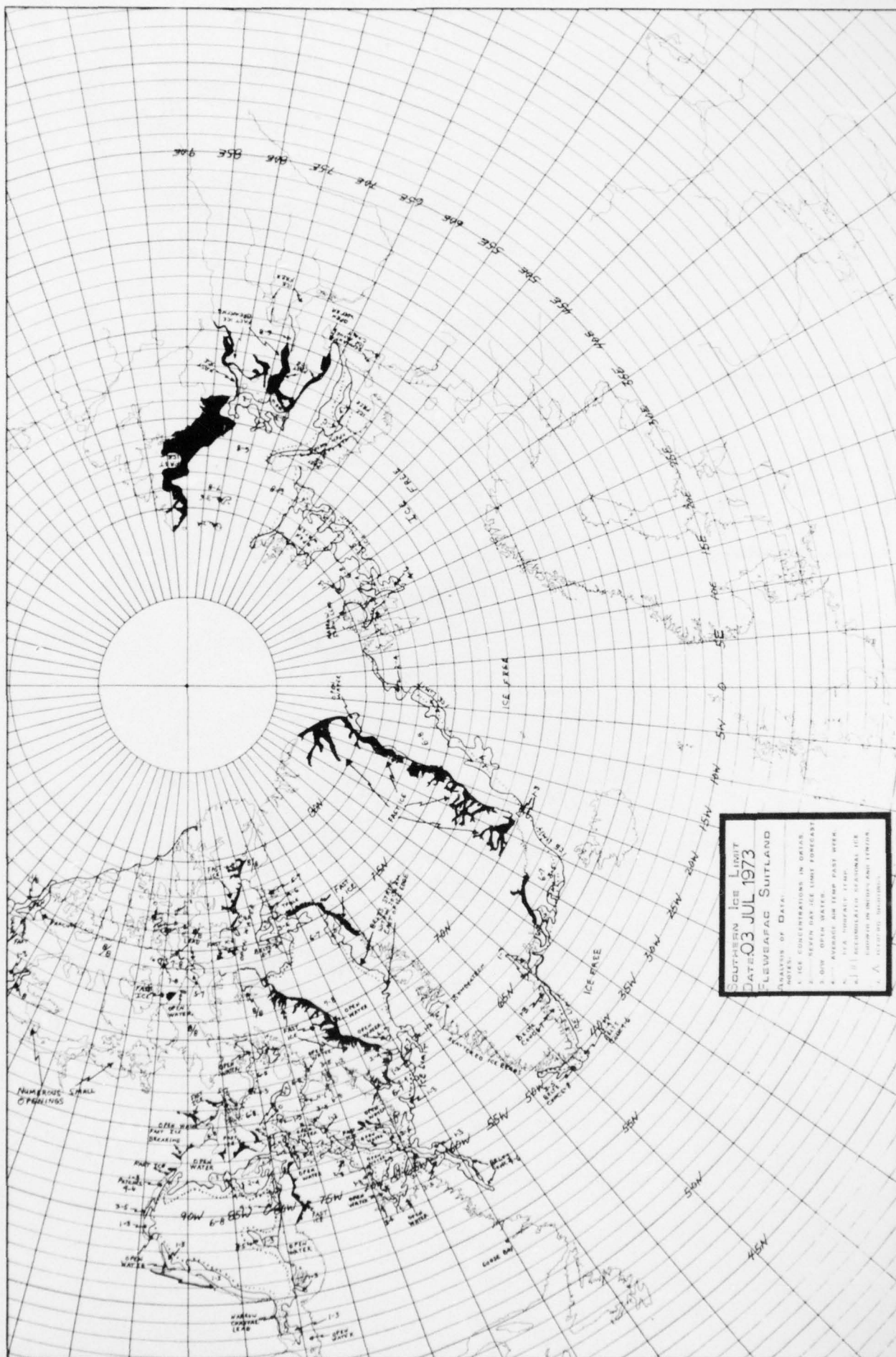


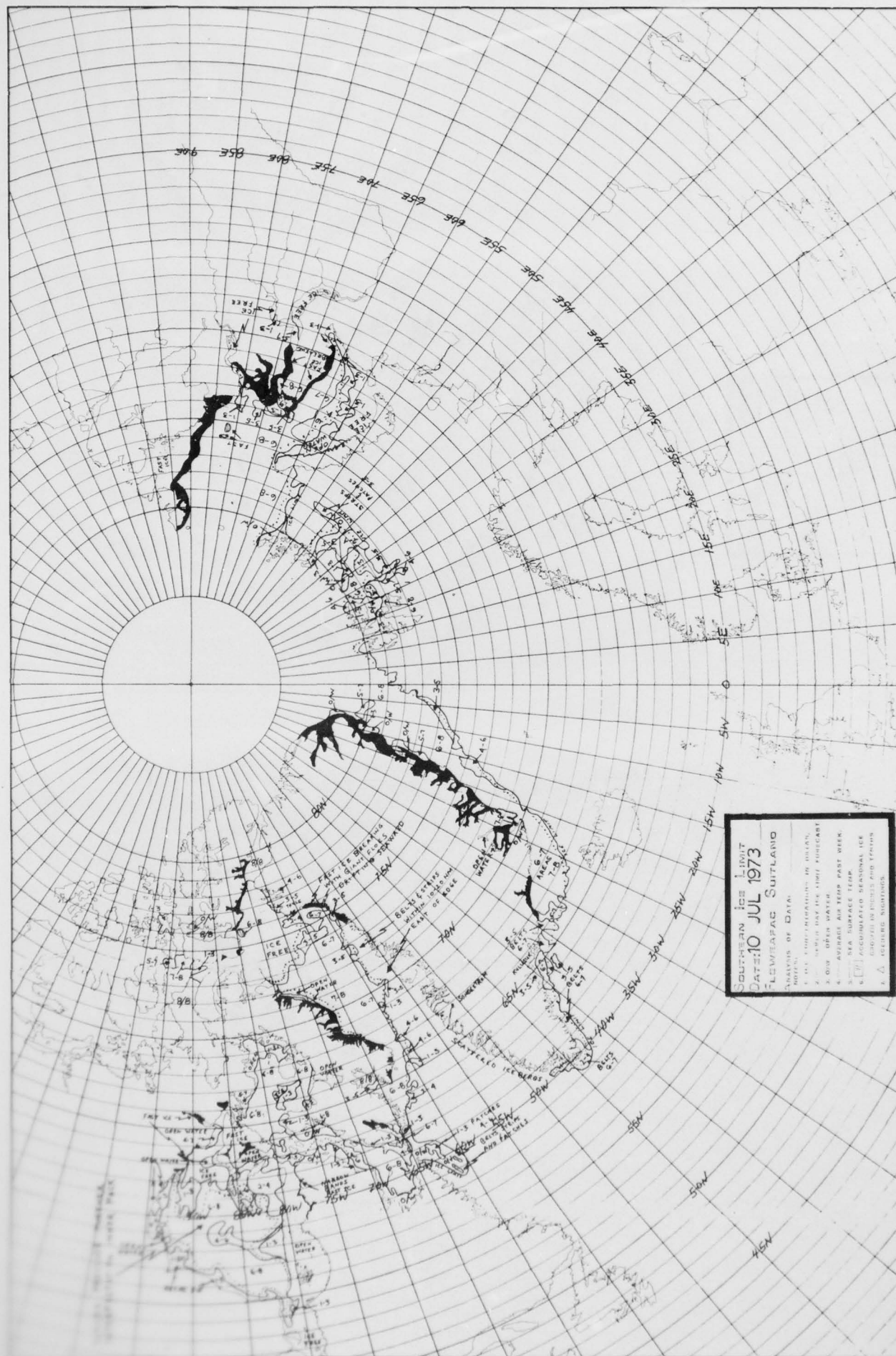


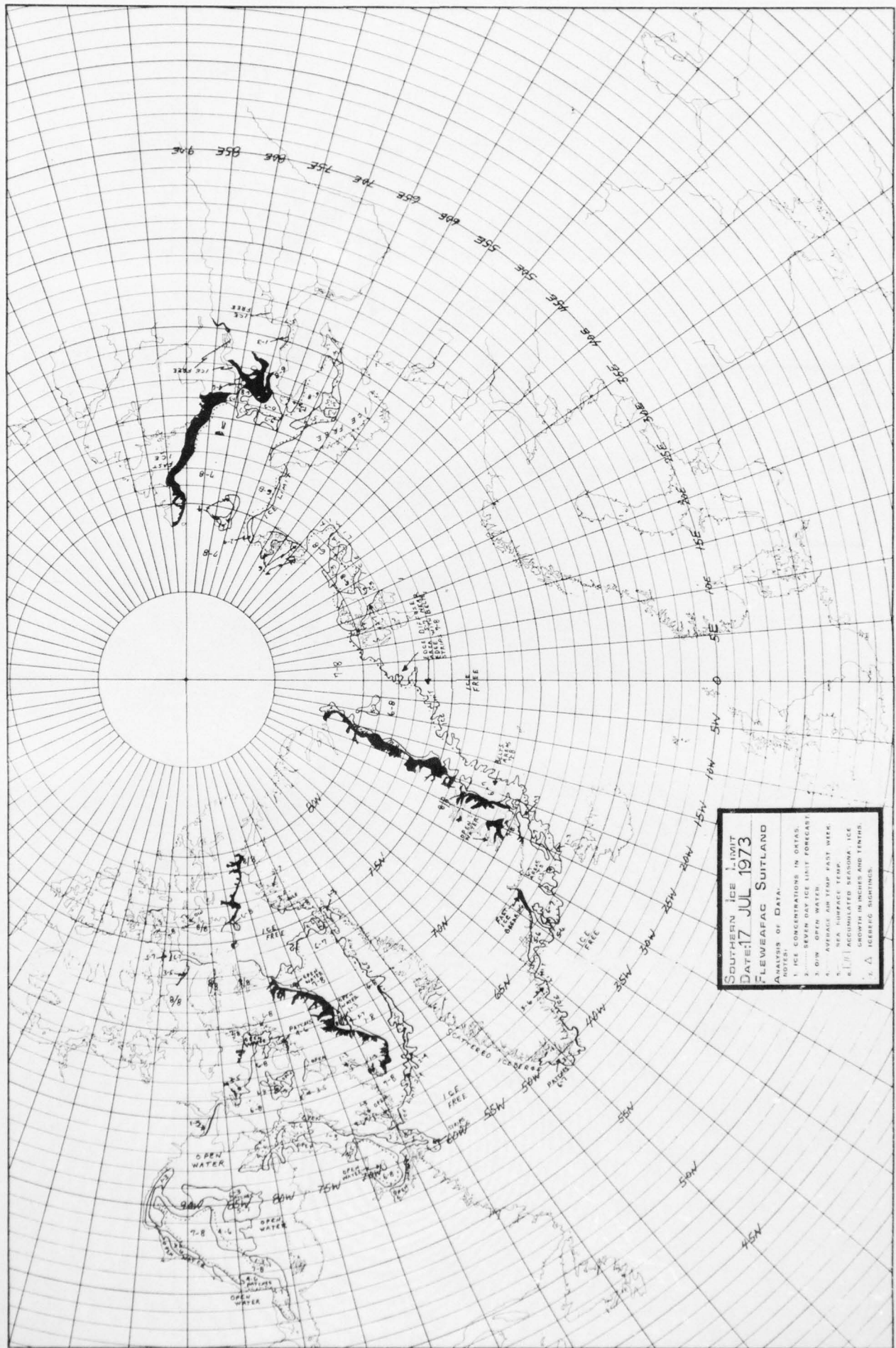


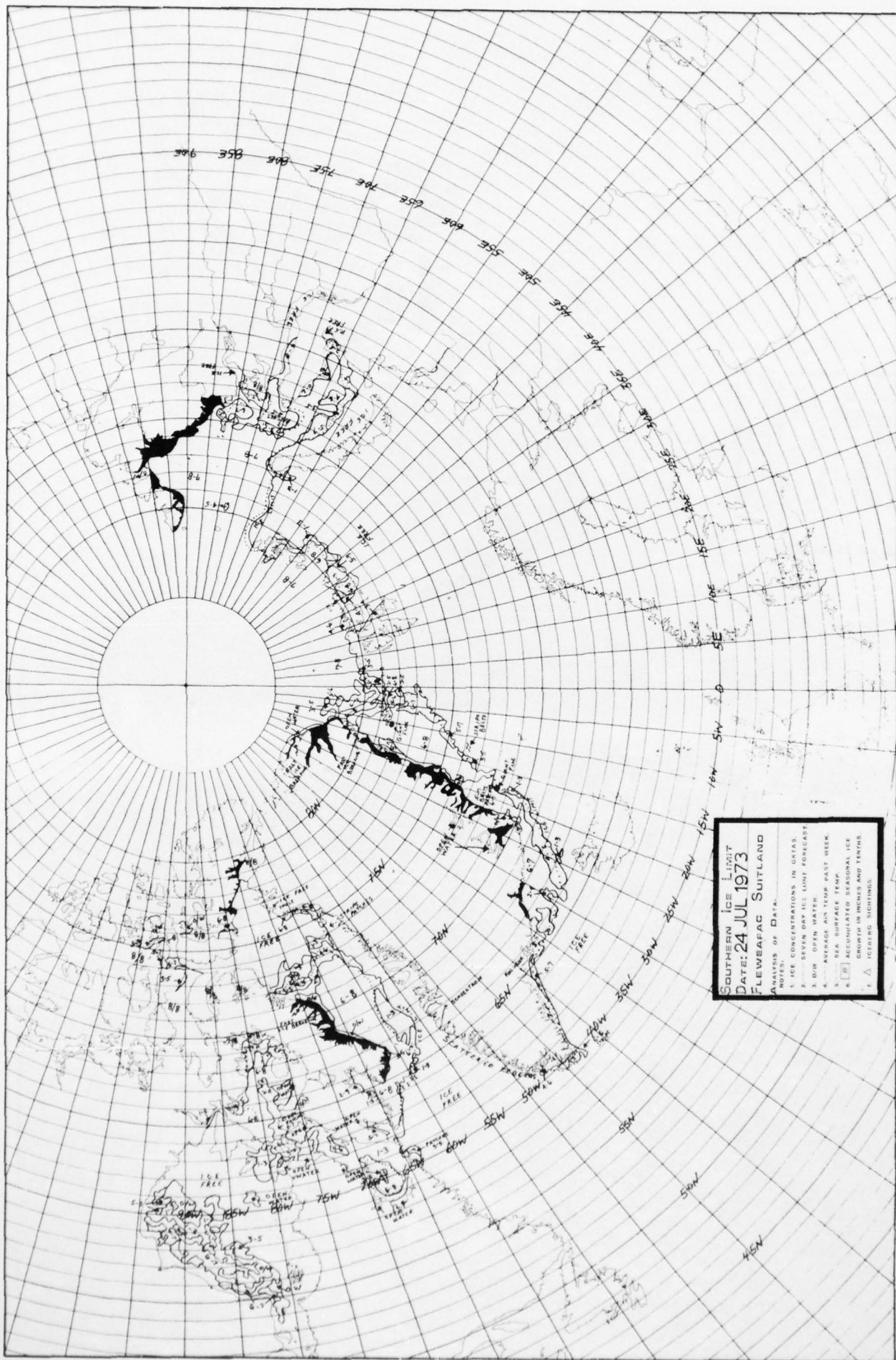
SOUTHERN ICE LIMIT
 DATE: 12 JUN 1973
 FLEWELAFAC SUITLAND
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 NOTES:
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 2. SEVEN DAY ICE LIMIT FORECAST
 3. OPEN OPEN WATER
 4. AVERAGE AIR TEMP PAST WEEK
 5. SEA SURFACE TEMP
 6. ACCUMULATED PERMANENT ICE
 GROWTH IN INCHES AND TENTHS
 7. ESTIMATED DEPTH

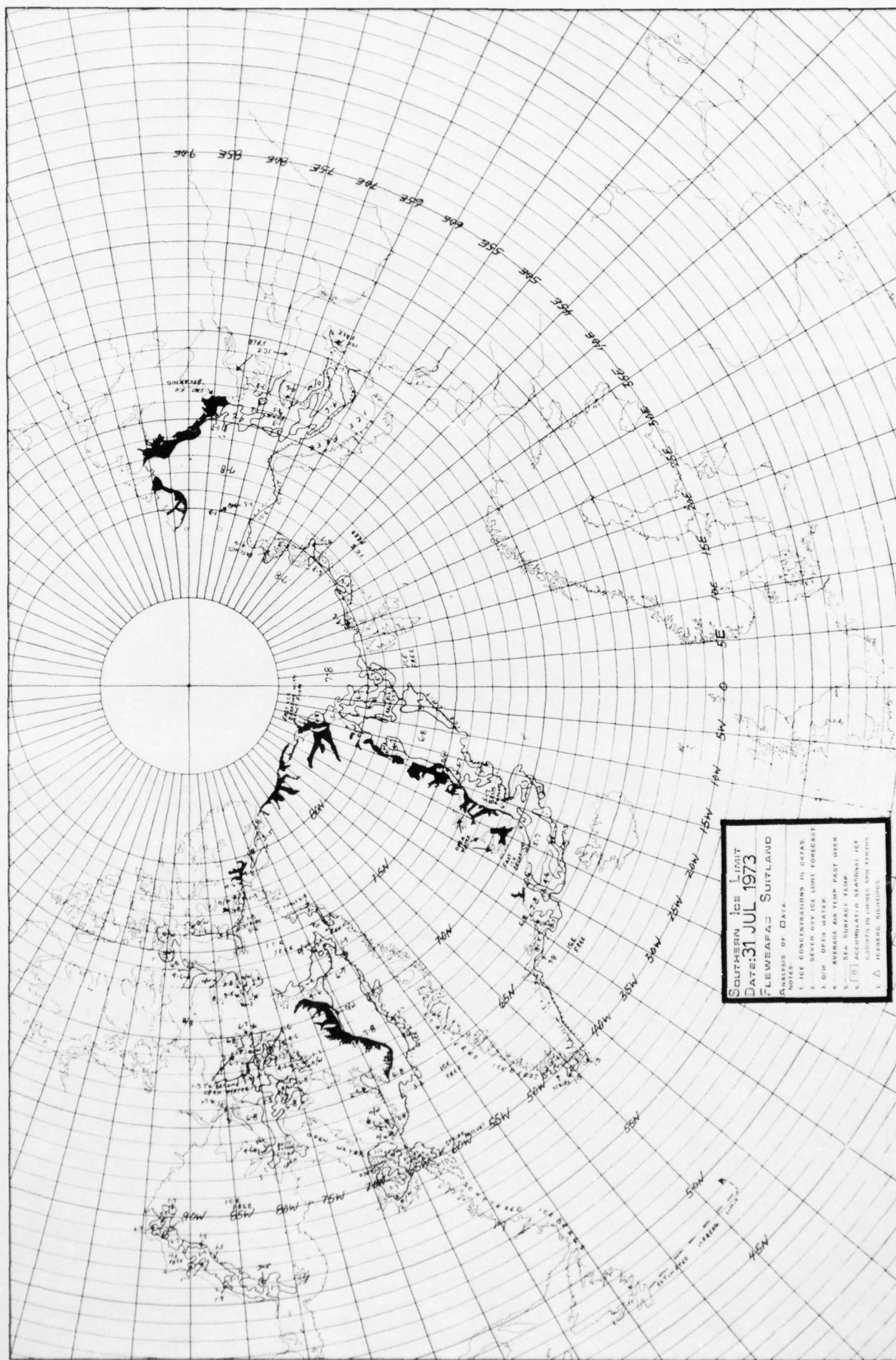


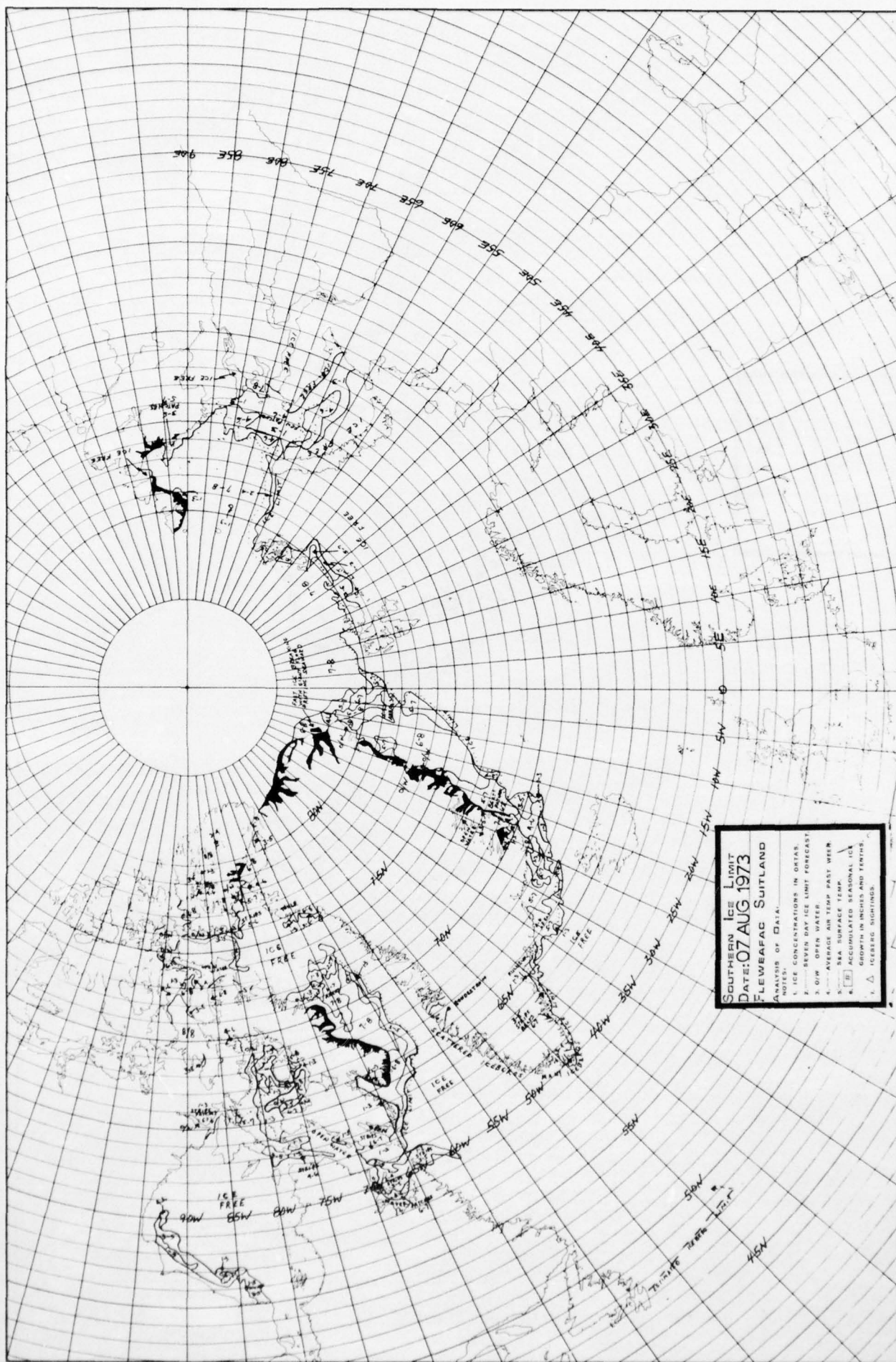


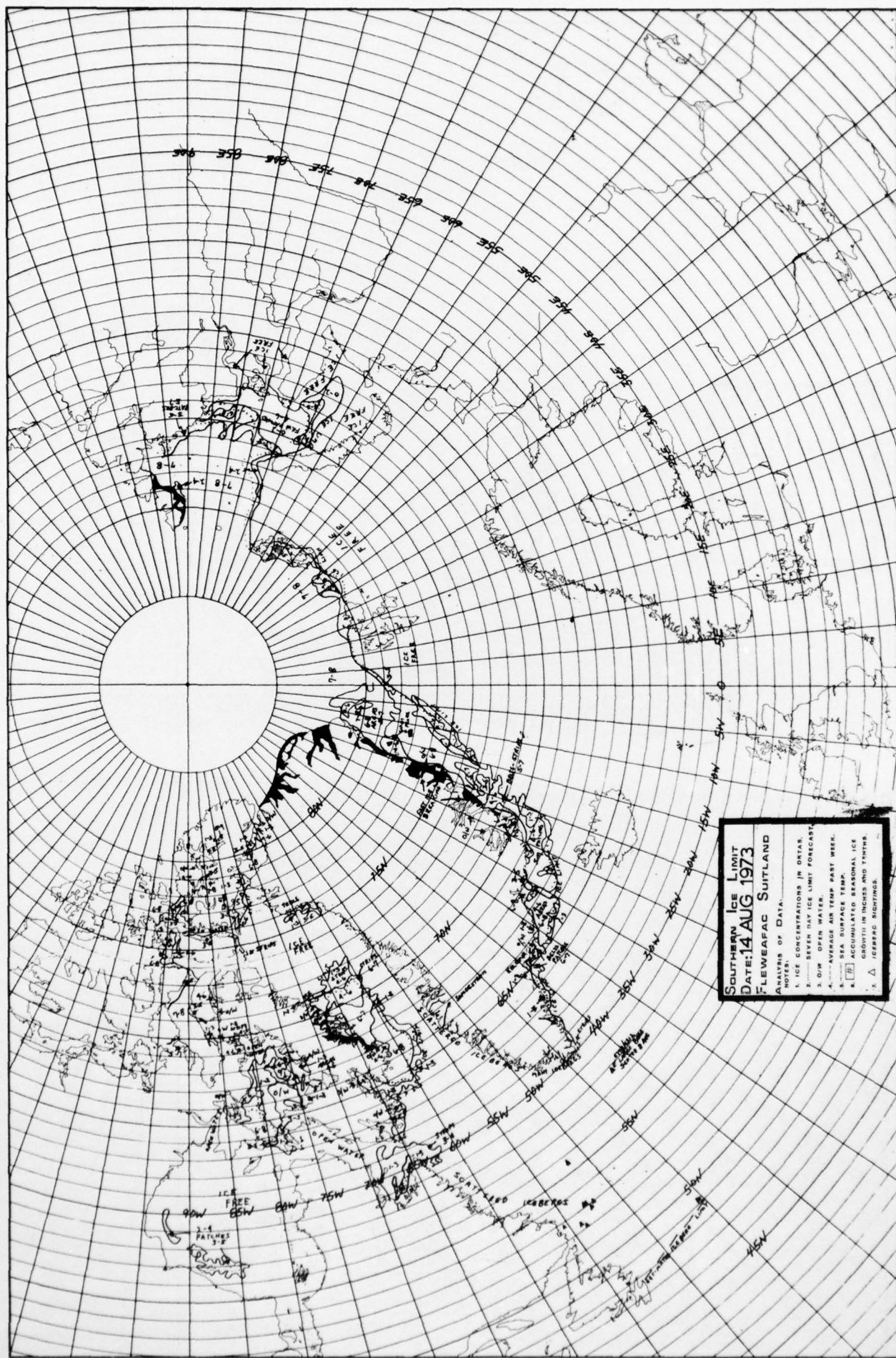


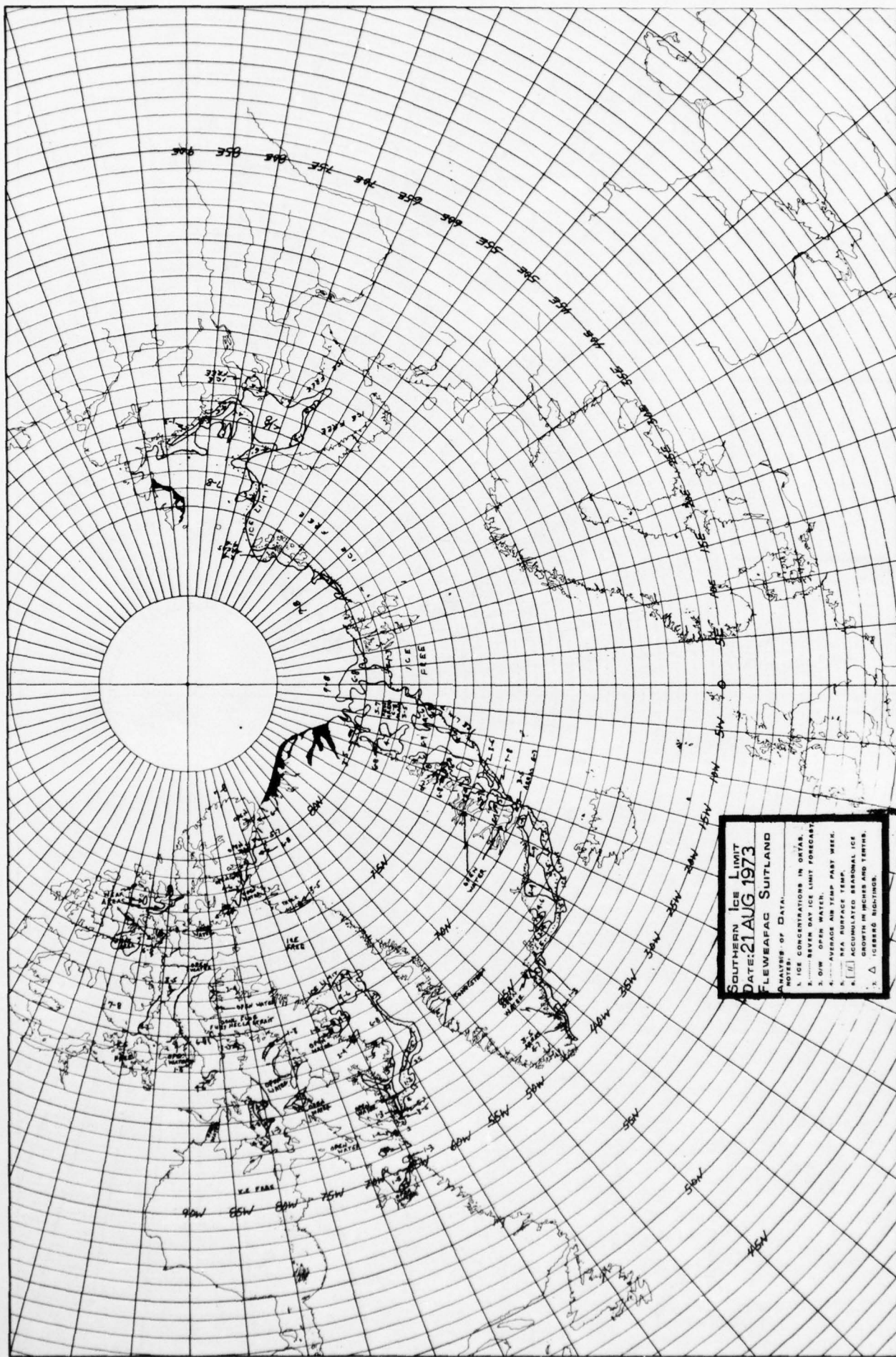


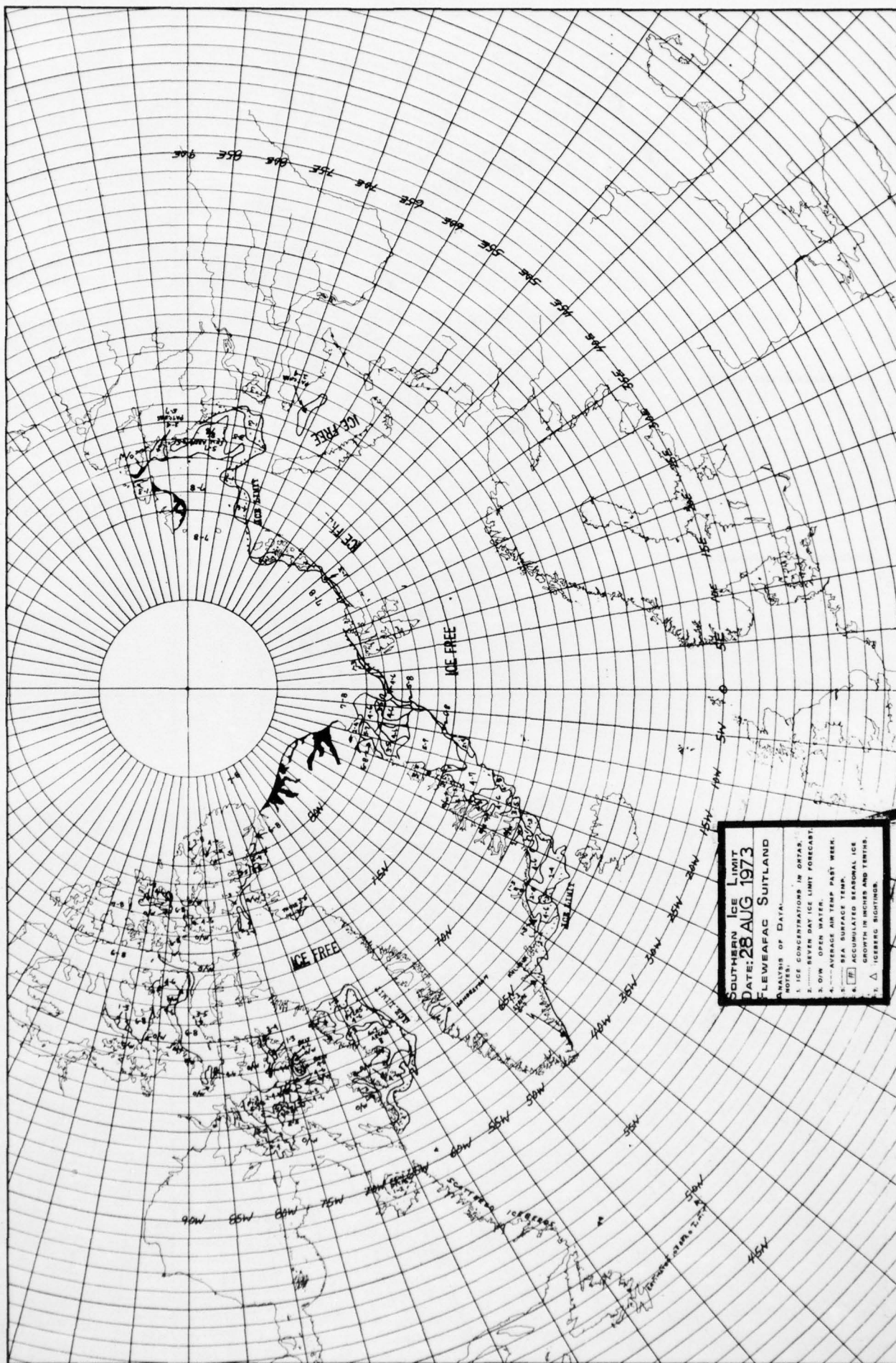


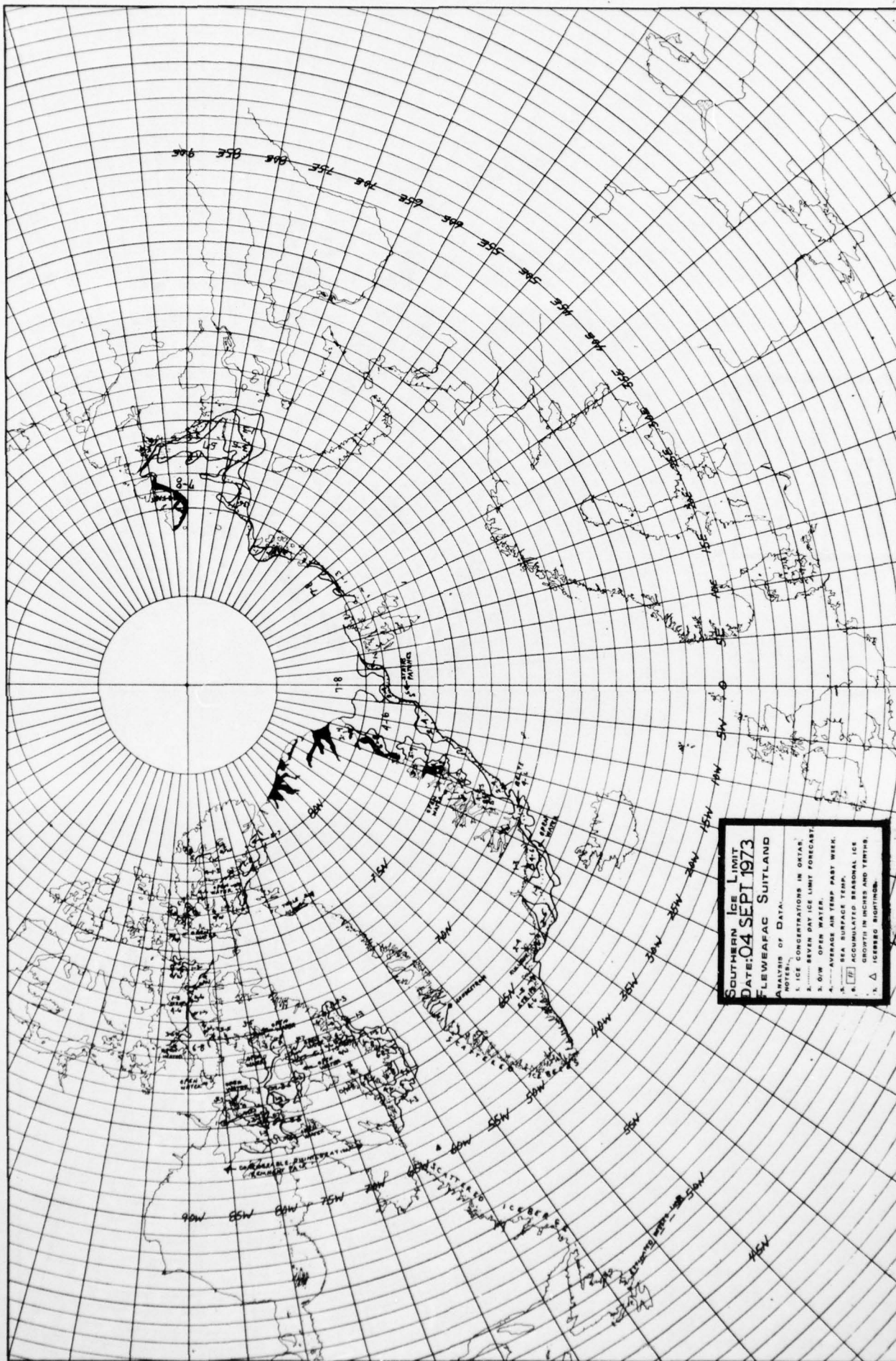


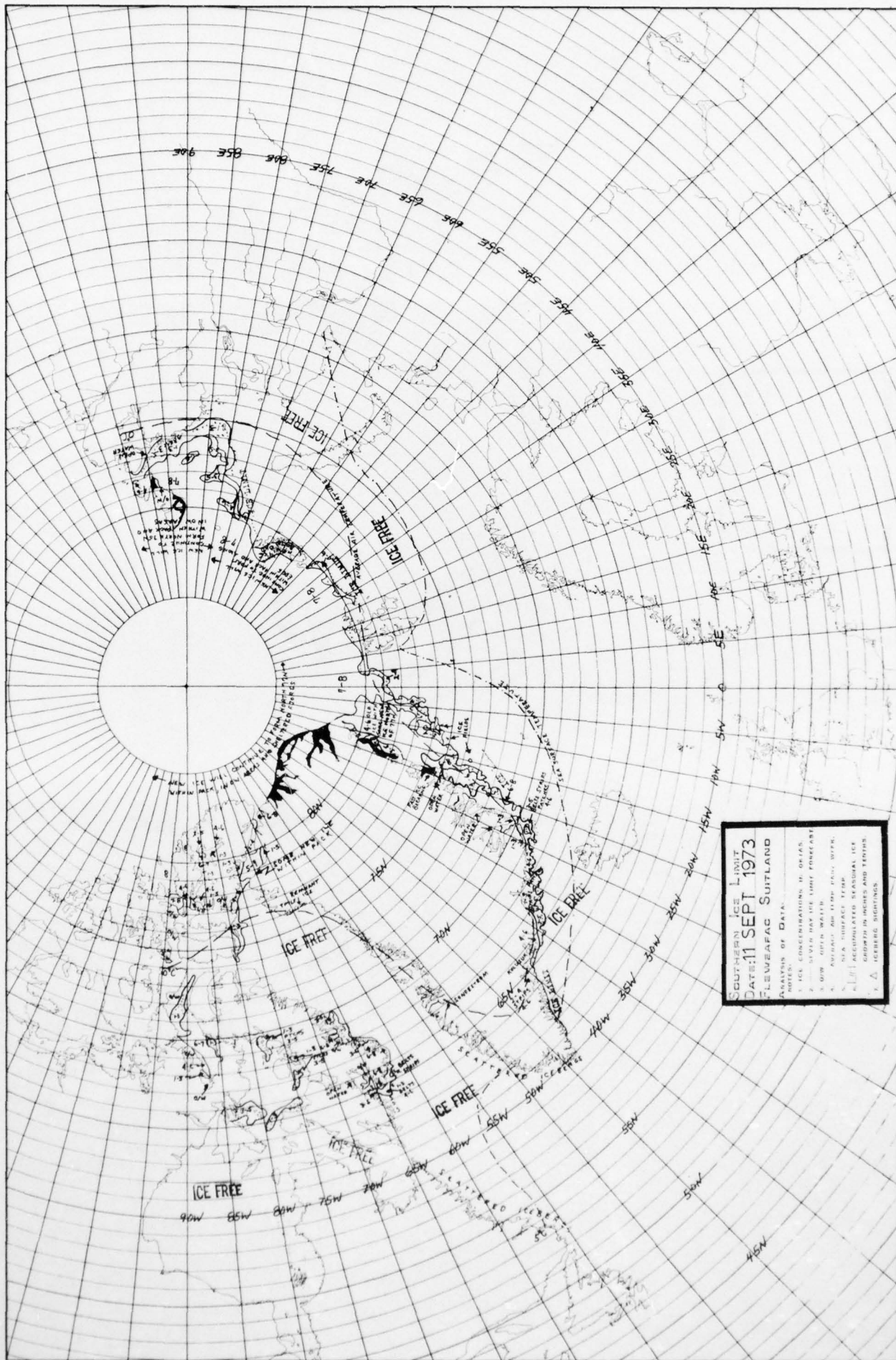


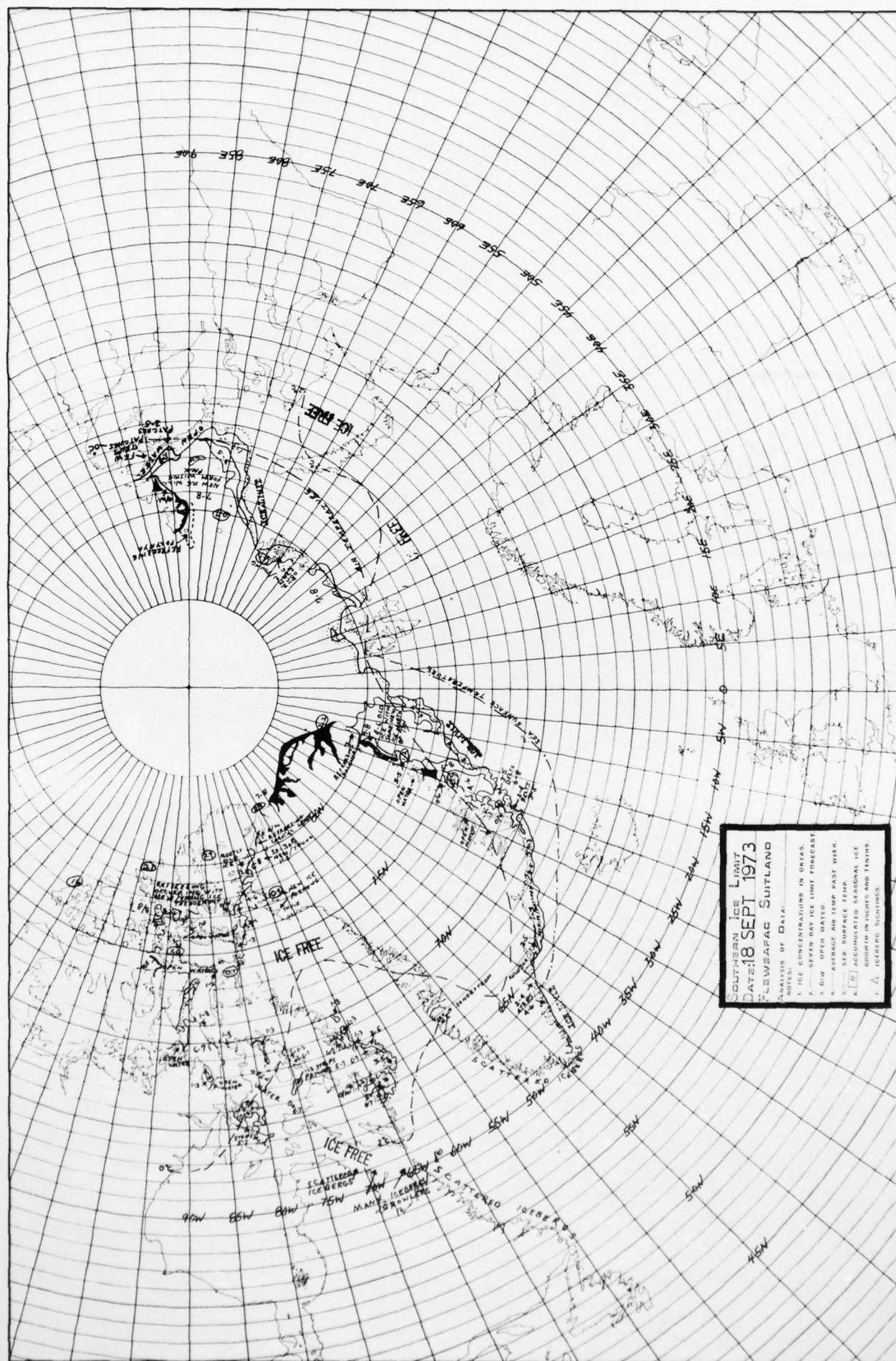


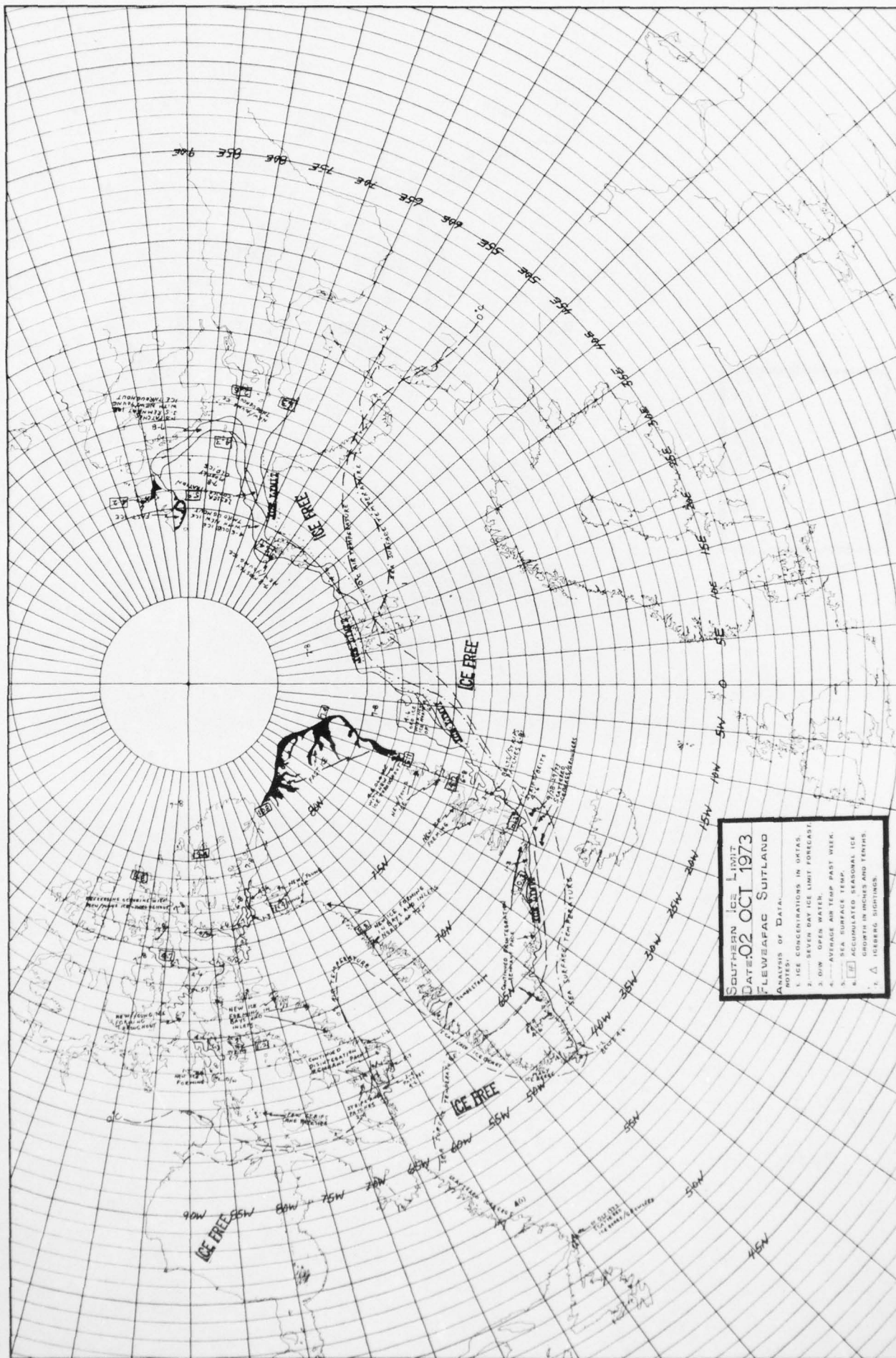


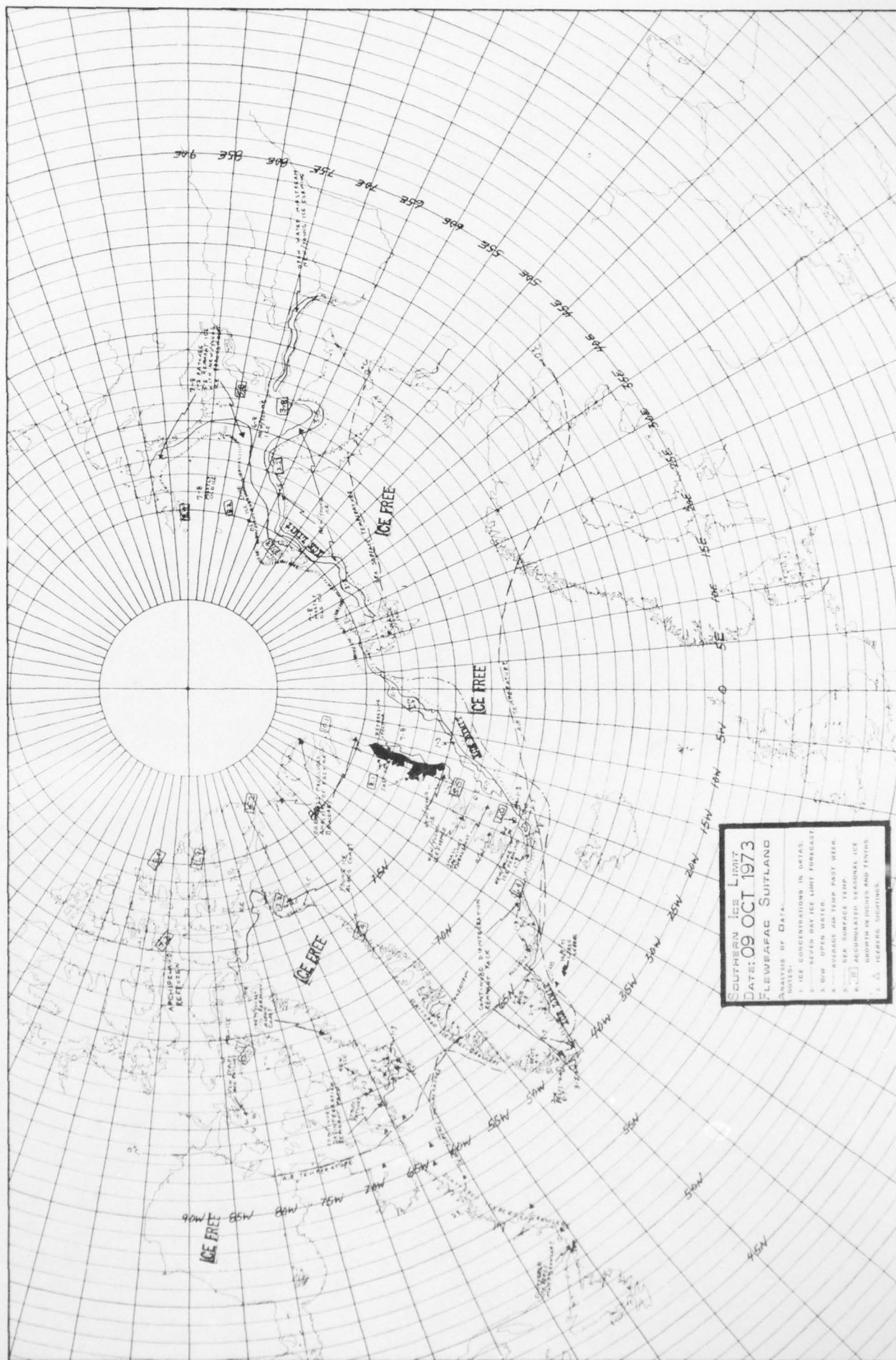












SOUTHERN ICE LIMIT
DATE: 09 OCT 1973
FLEWEAFAC SUITLAND

ANALYSIS OF DATA:
1. ICE CONCENTRATIONS IN USTAS
2. ICE SEVERE DAY ICE LIMIT FORECAST
3. 01W OPEN WATER
4. AVERAGE AIR TEMP EAST WERN
5. SEA SURFACE TEMP
6. ACCUMULATED PERSONAL ICE
GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS

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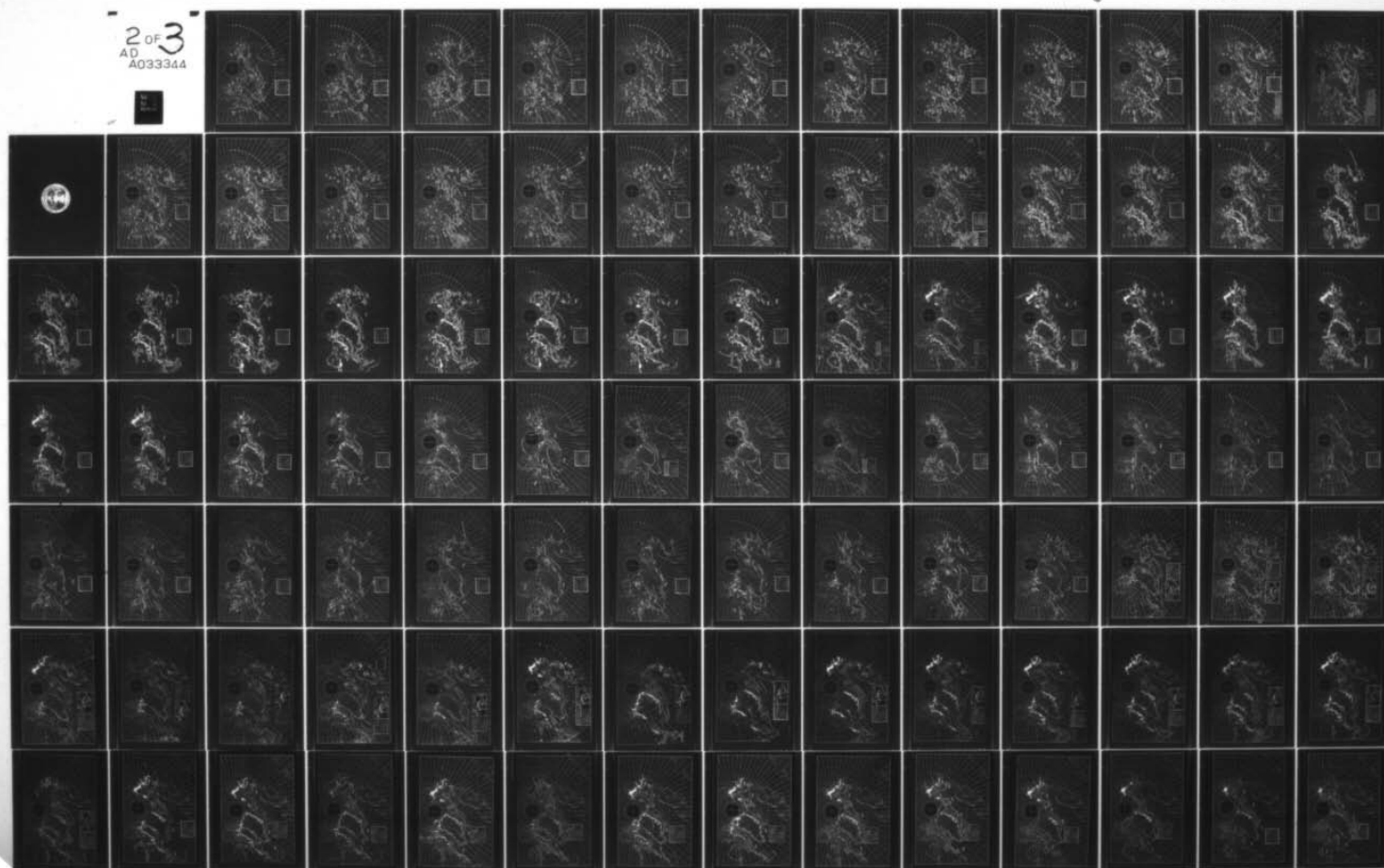
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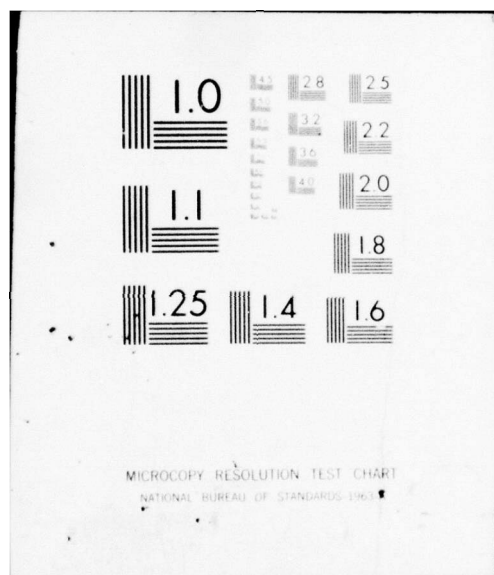
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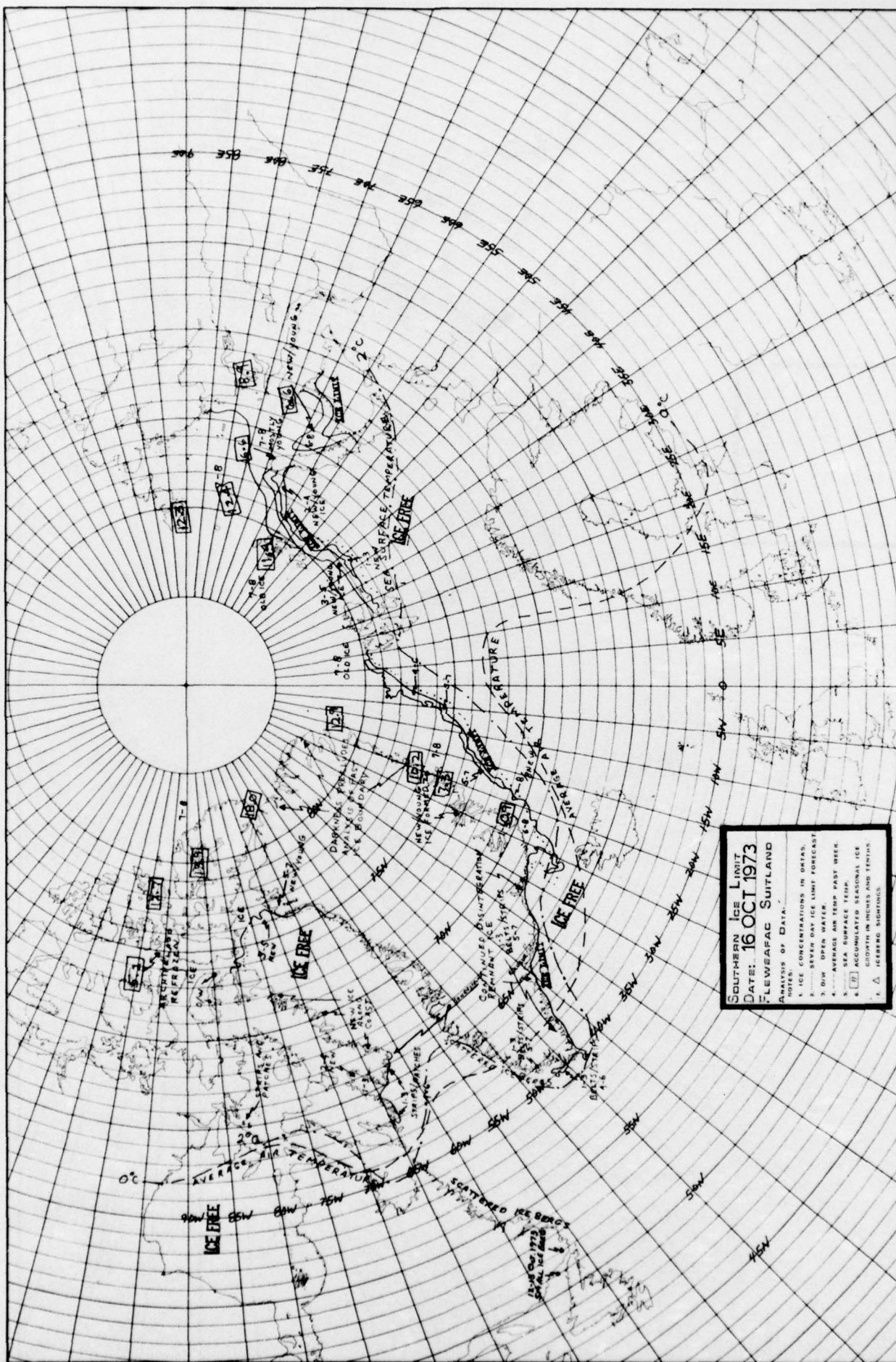
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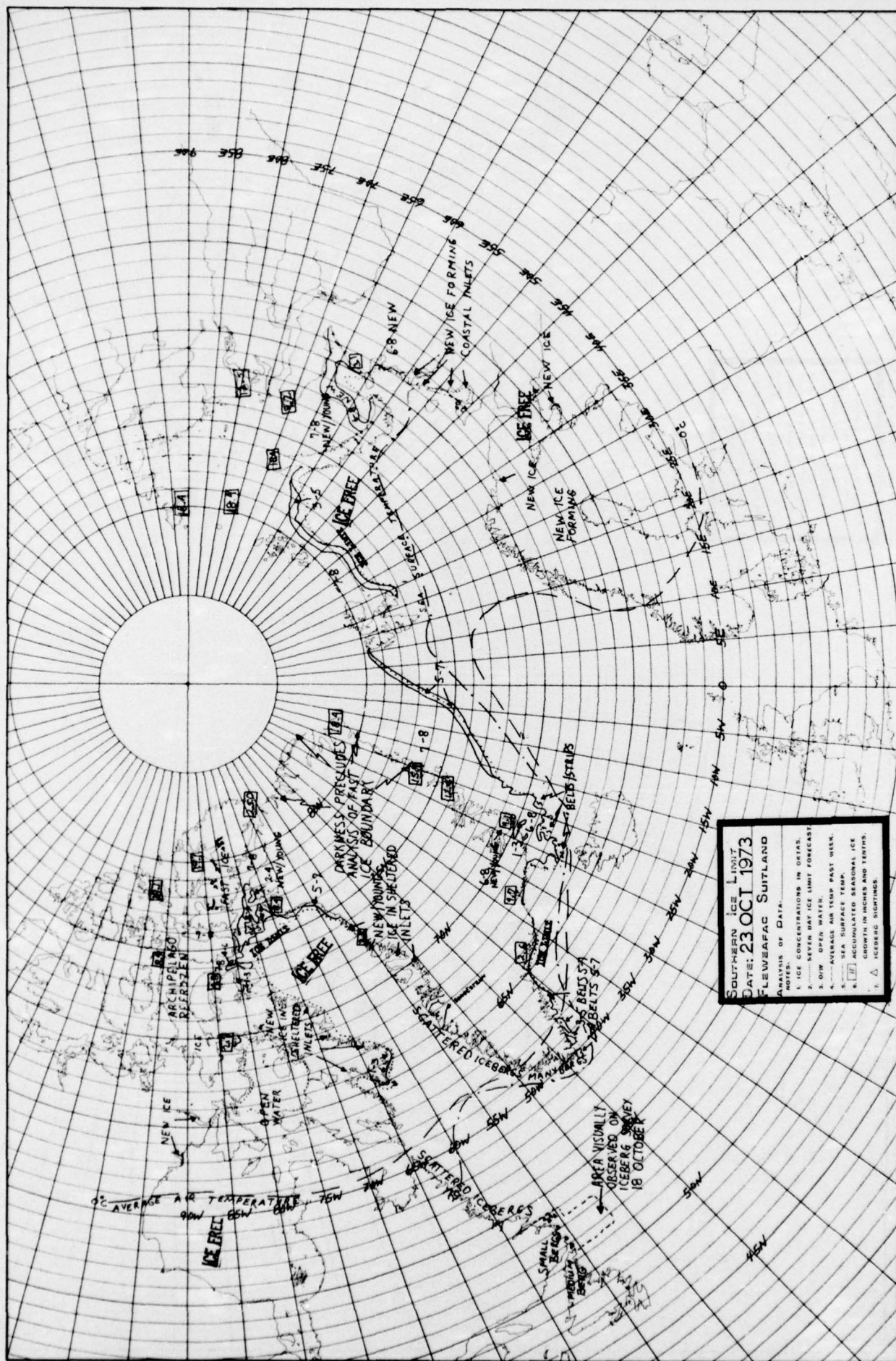
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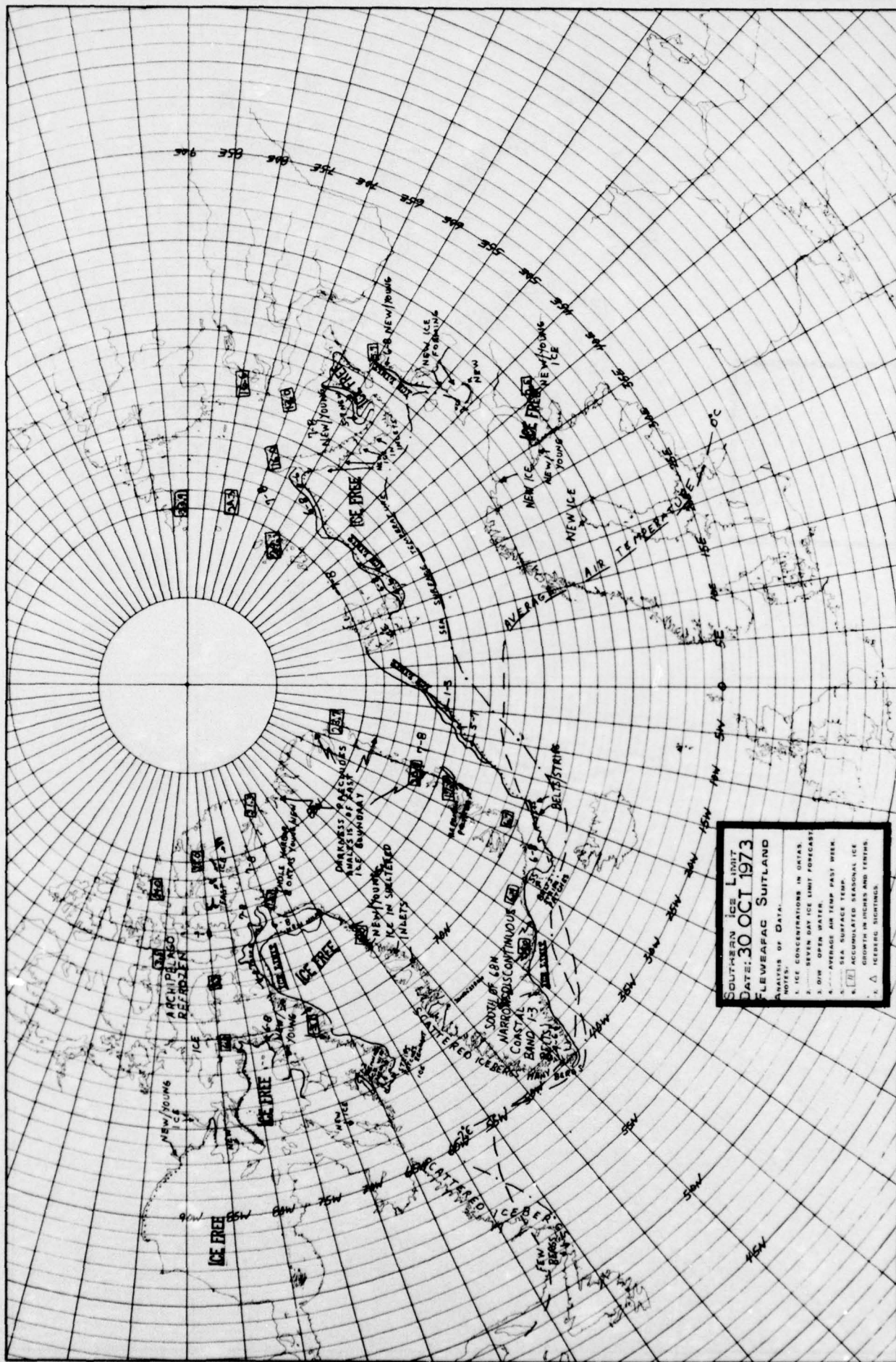
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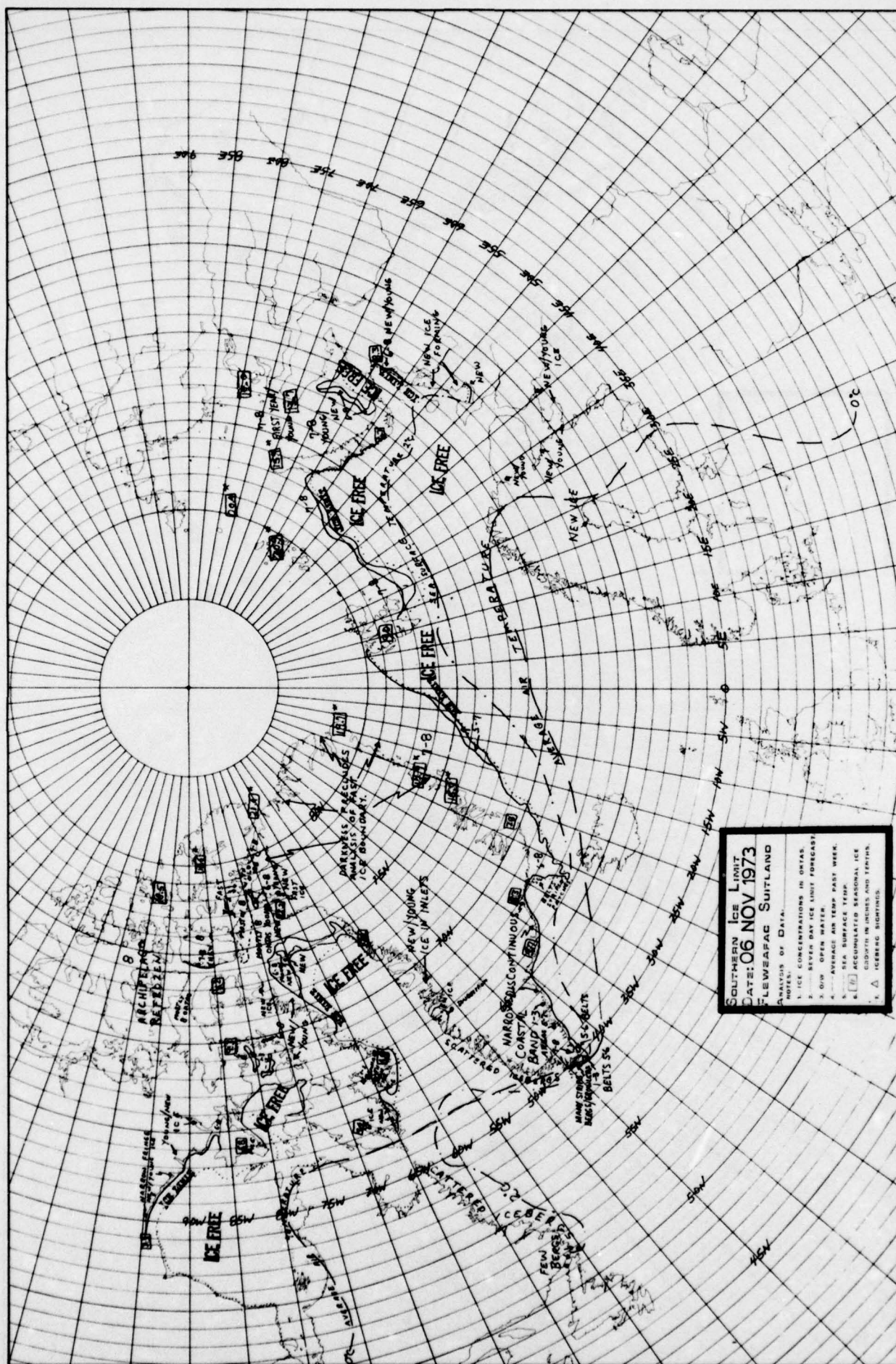


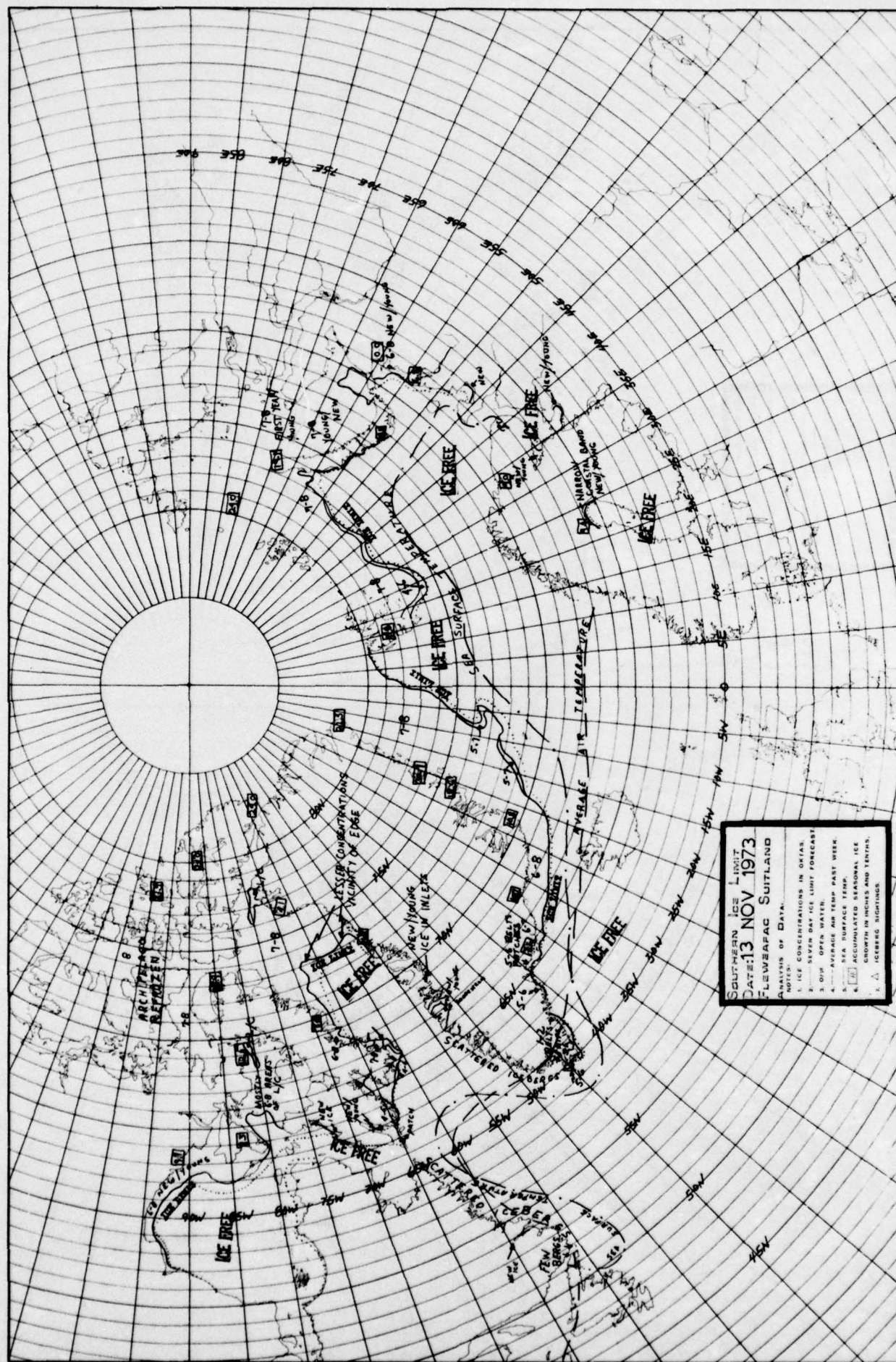


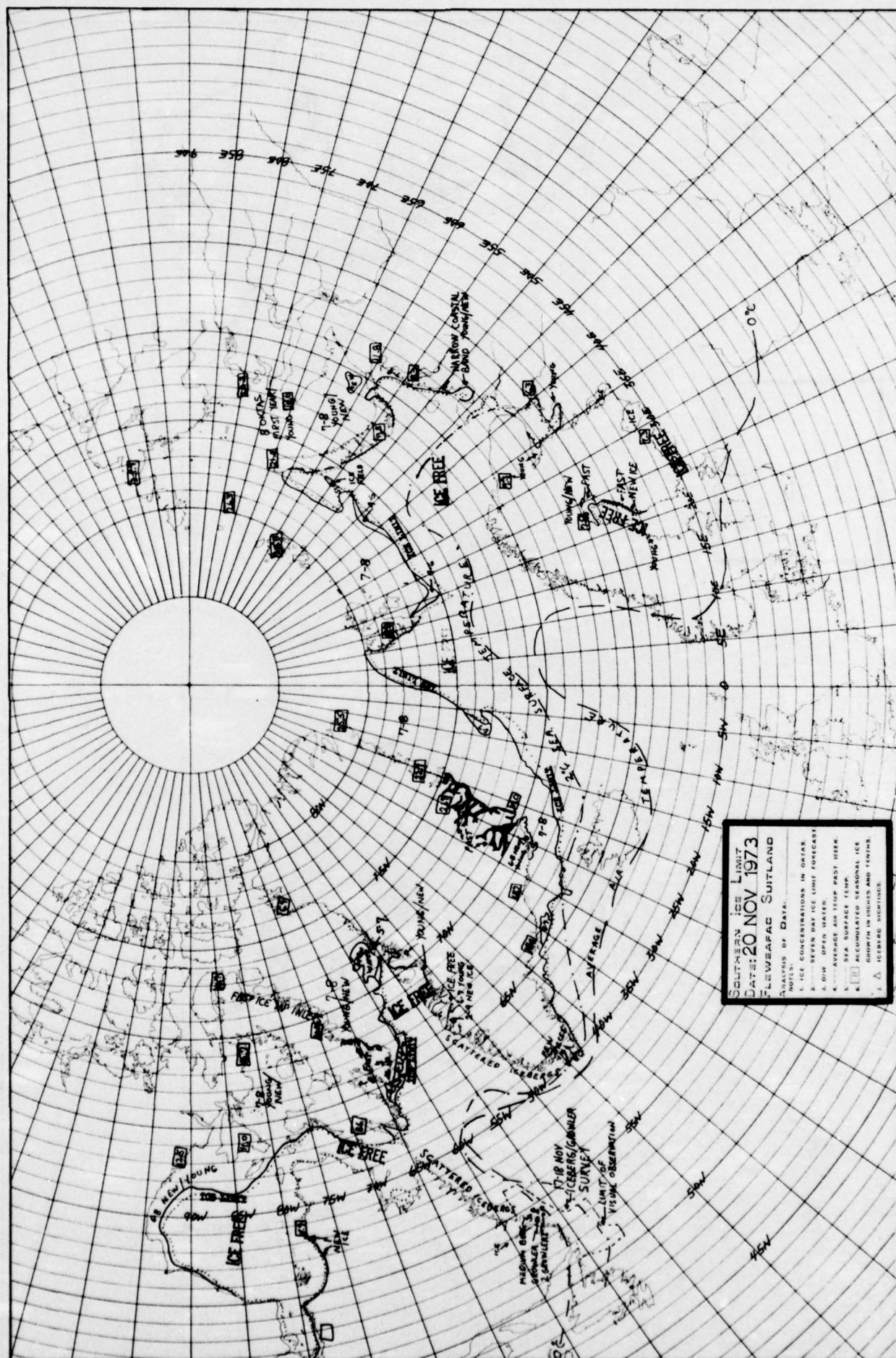


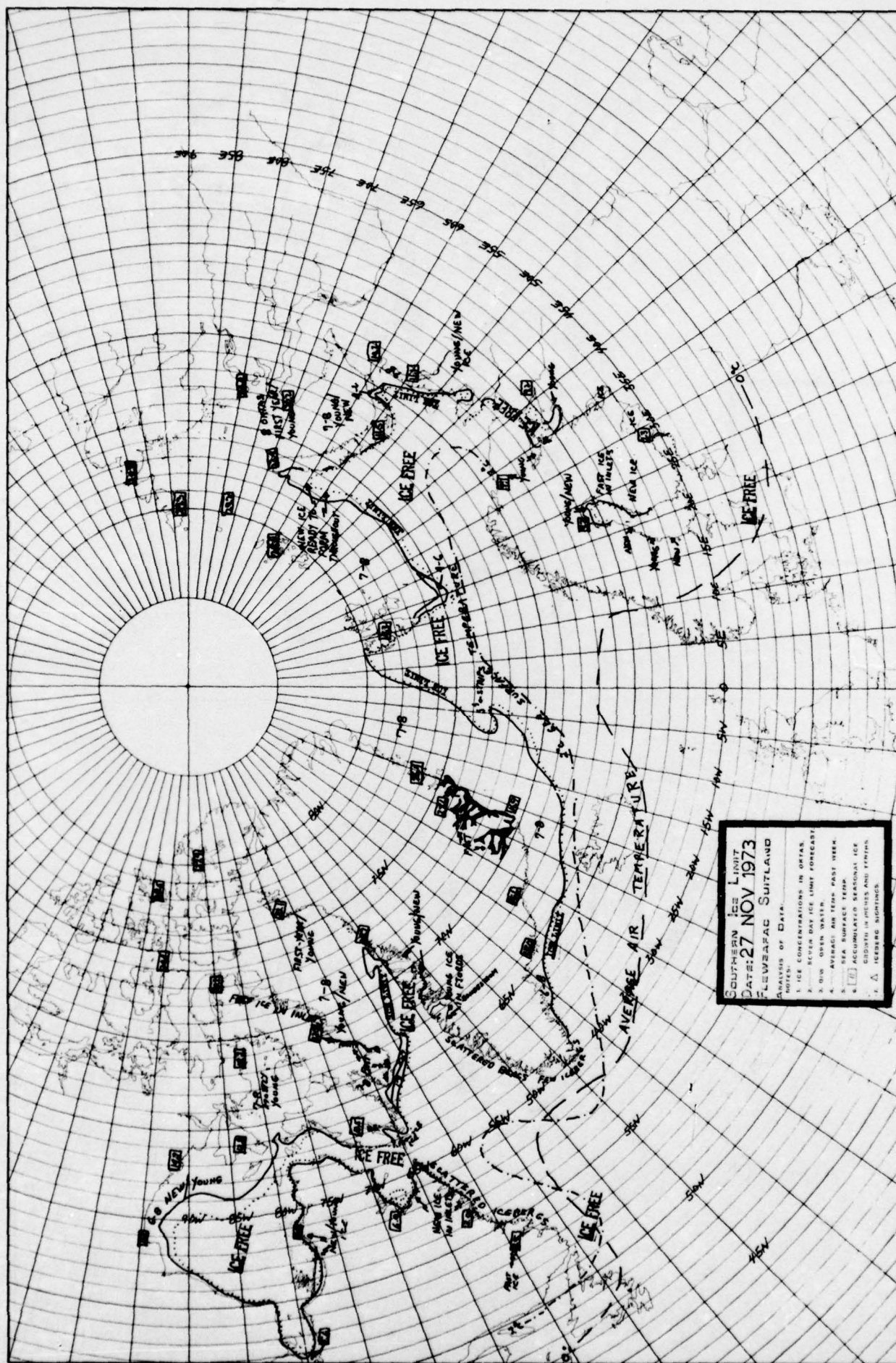


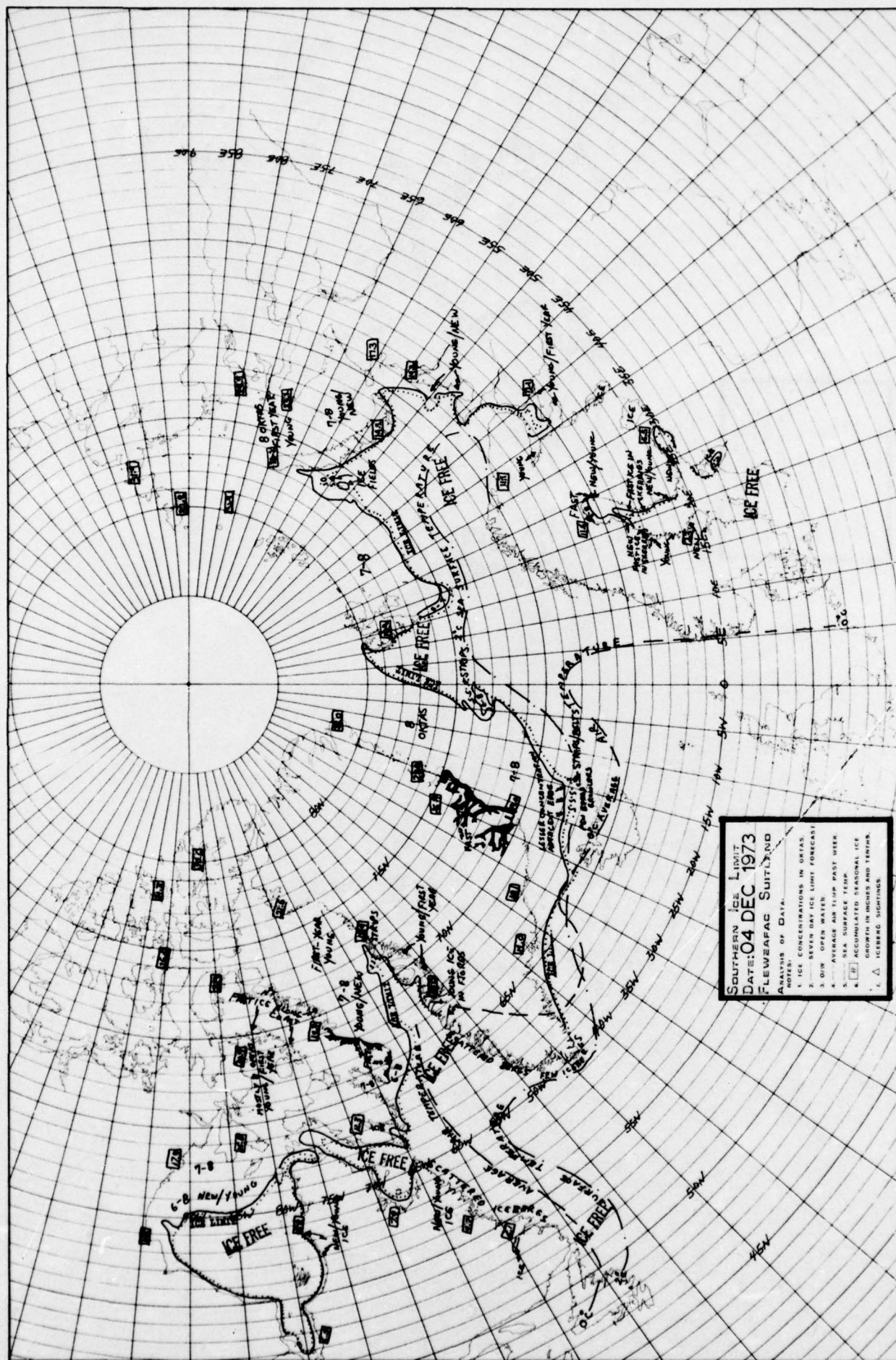


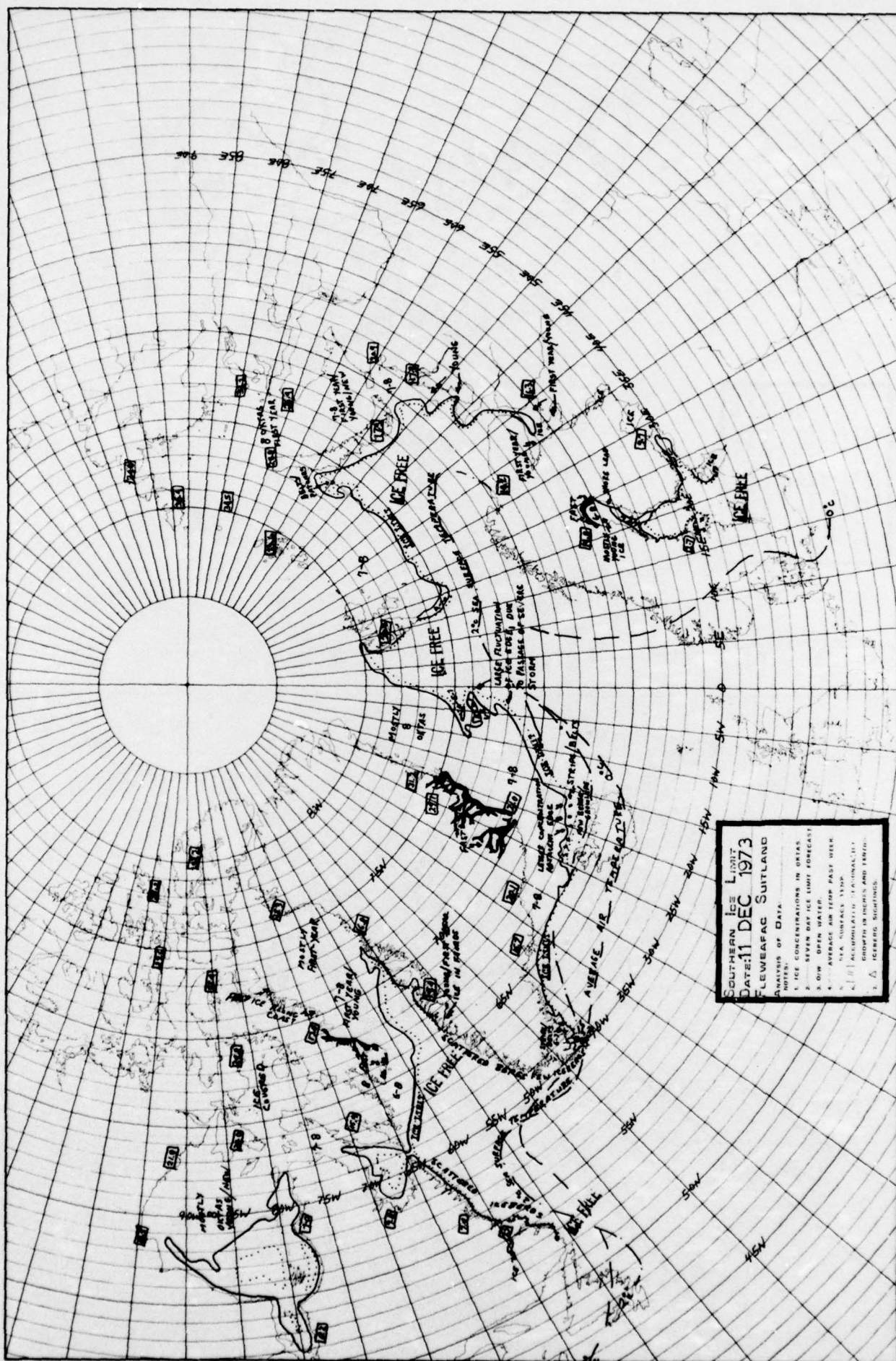


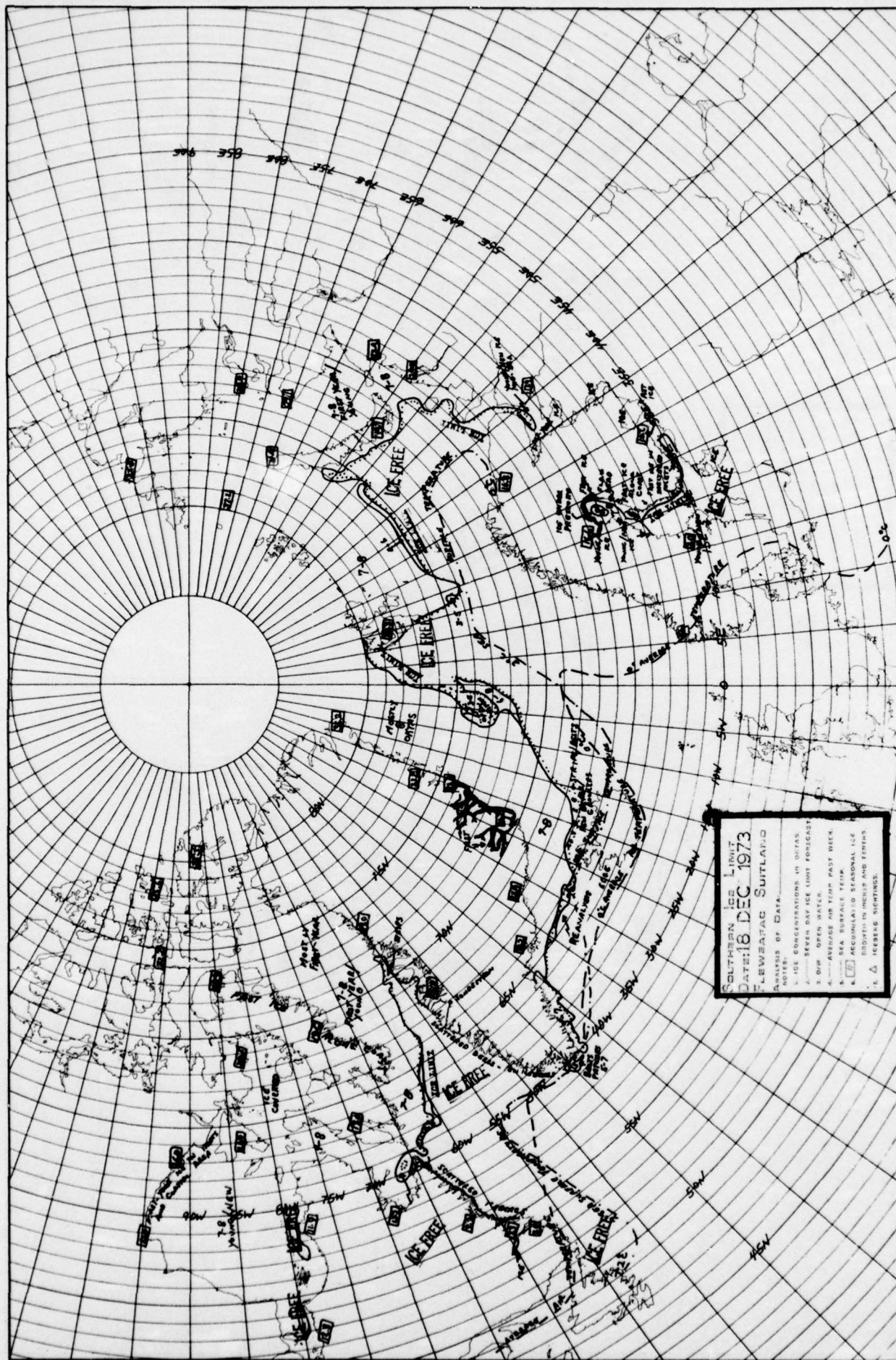


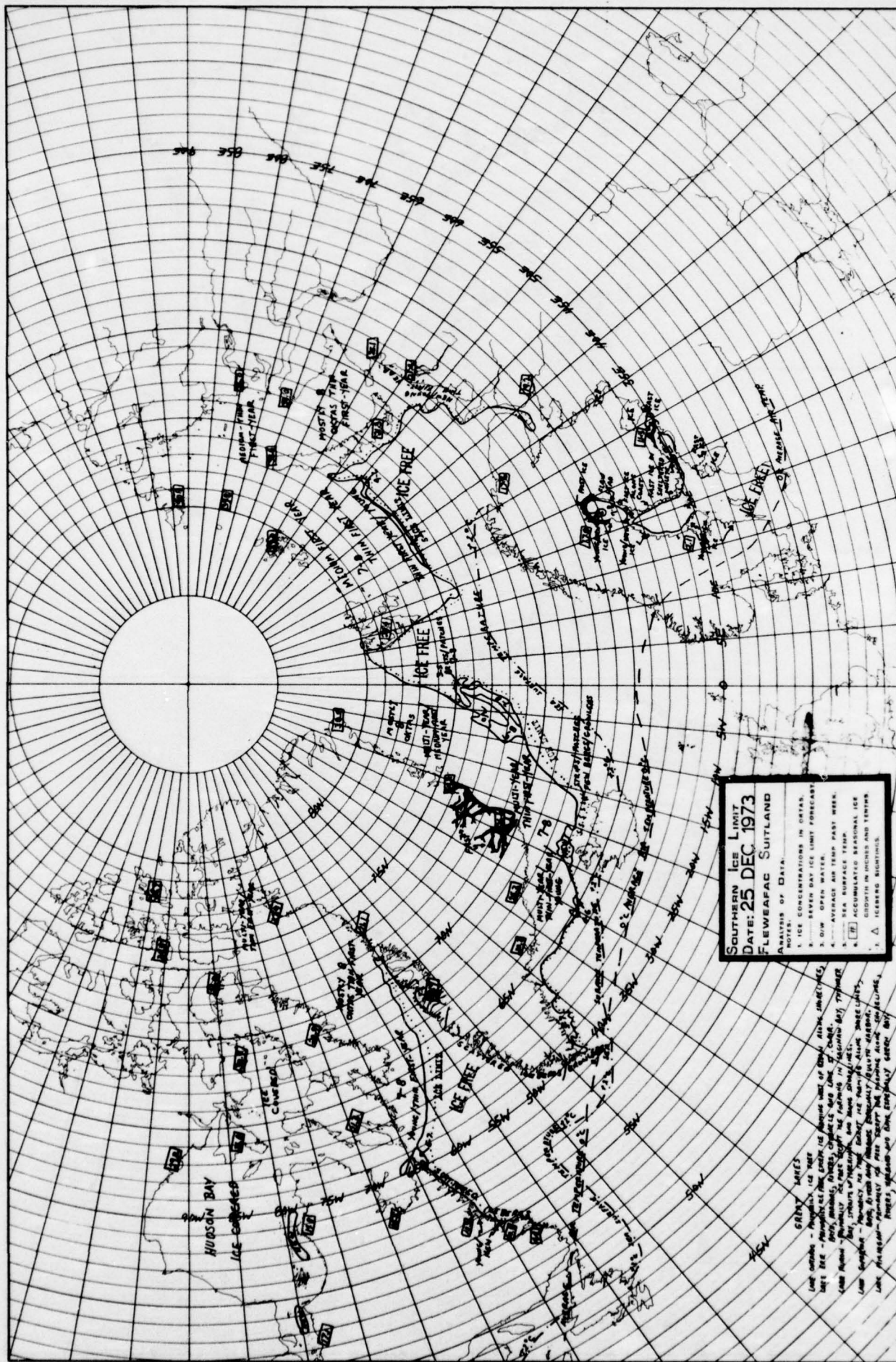


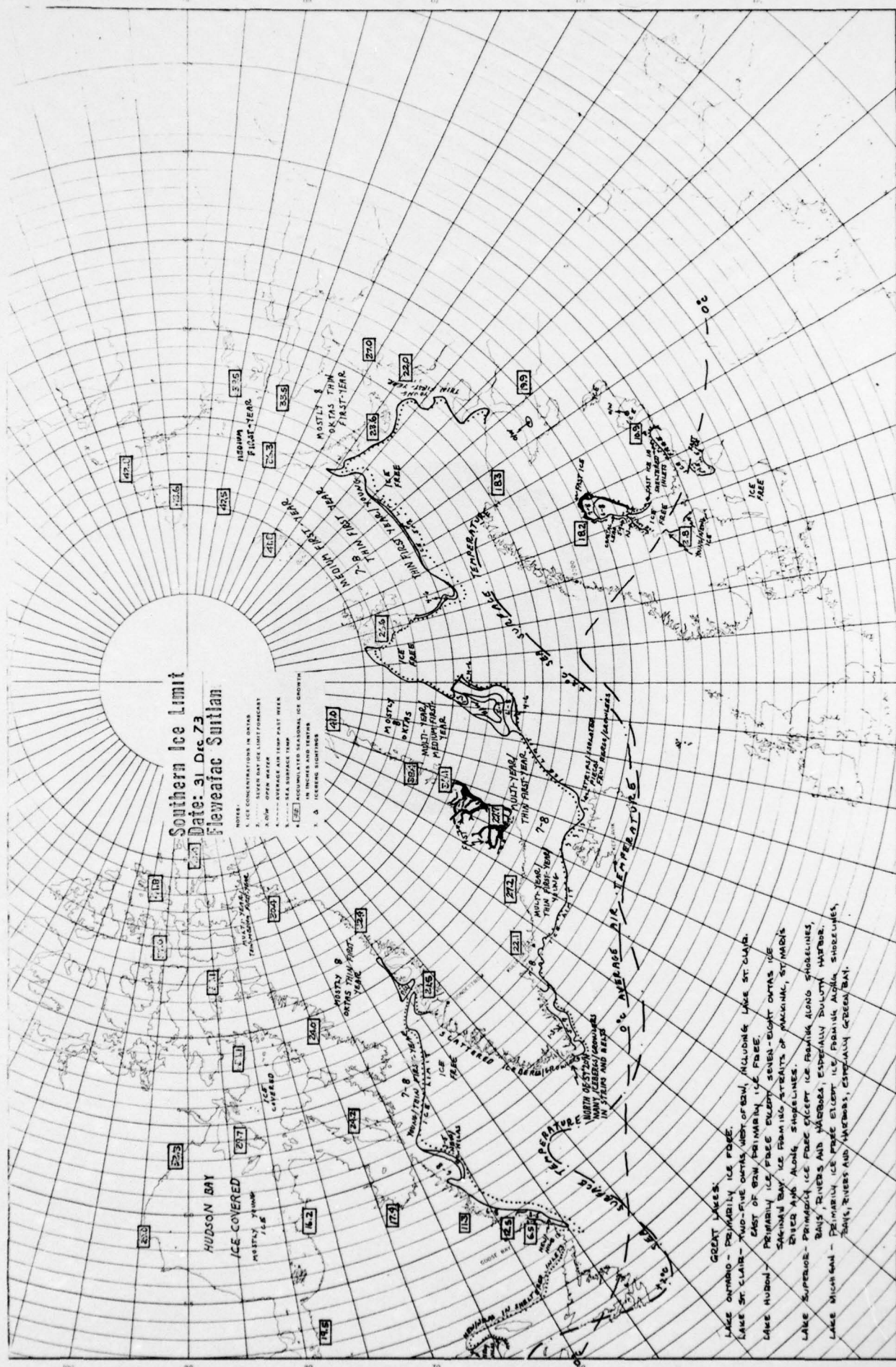




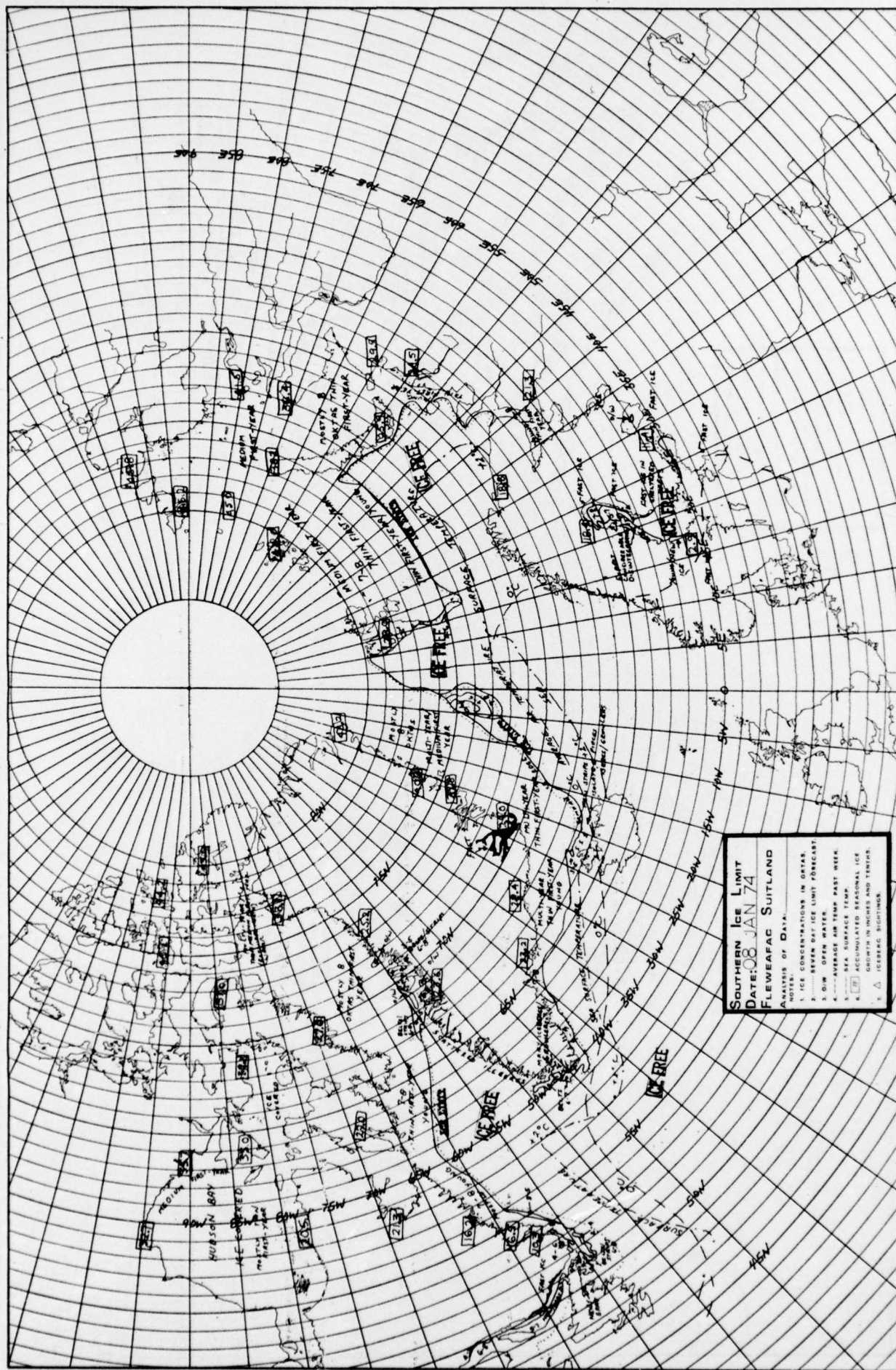


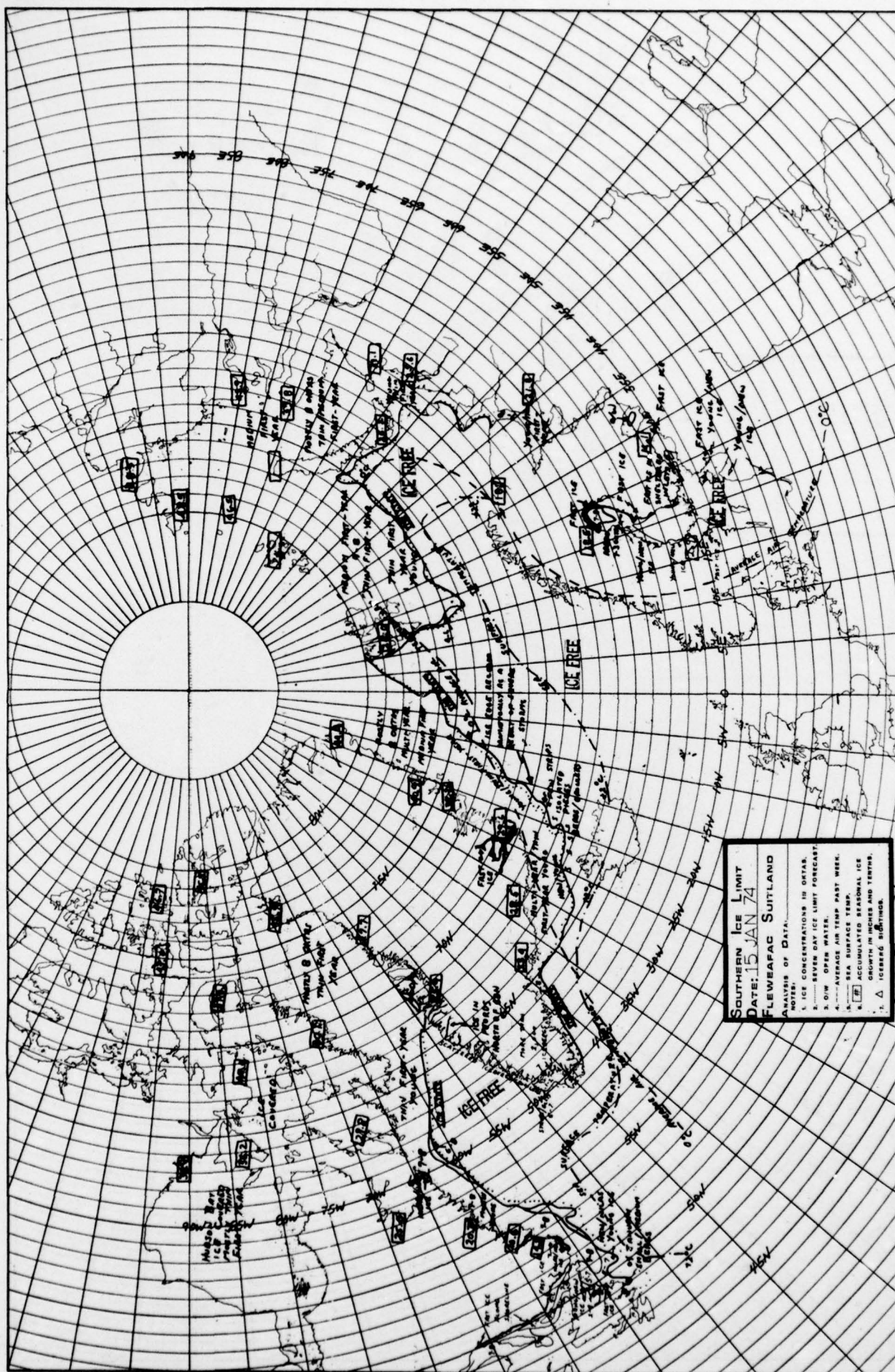


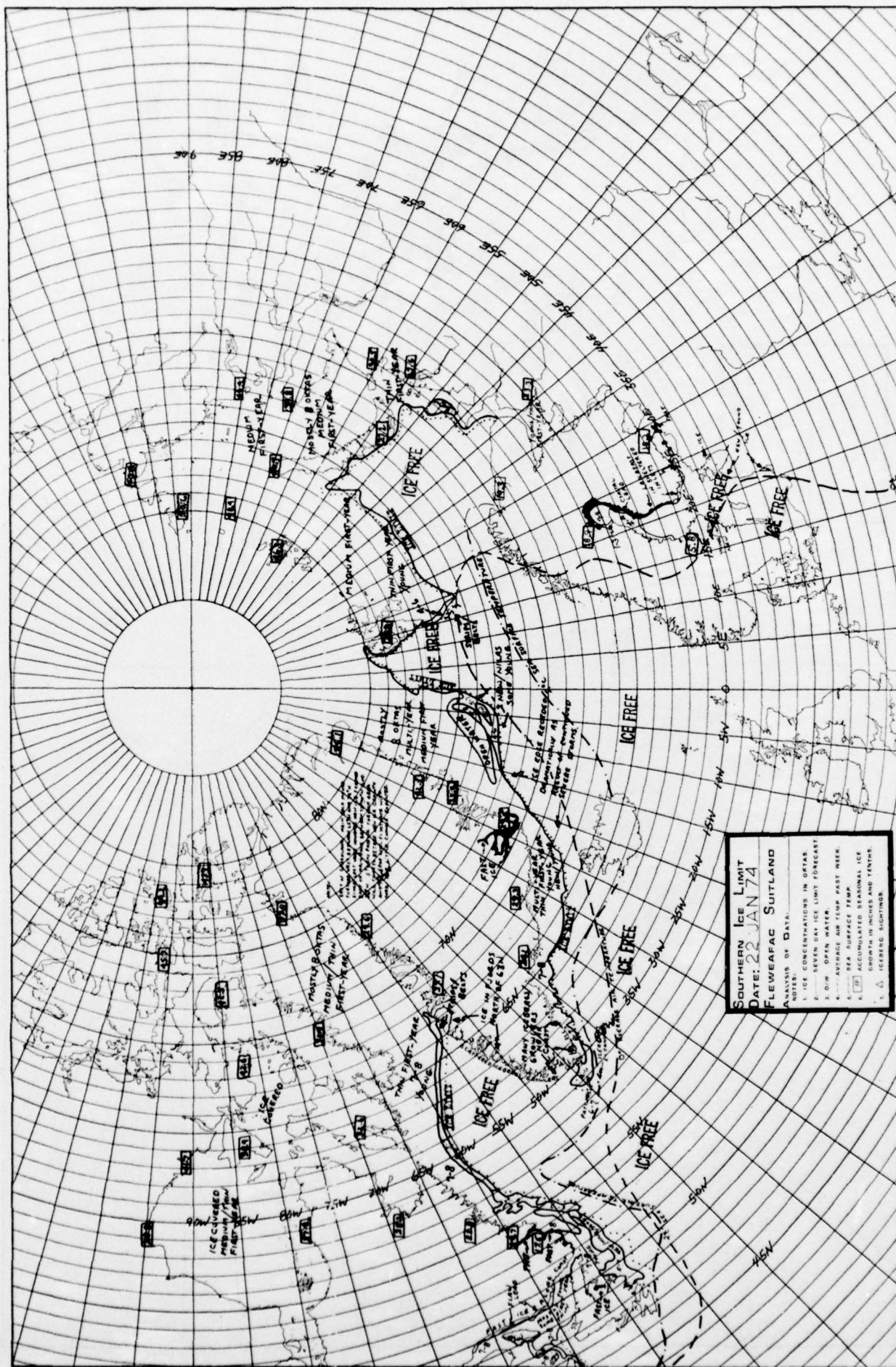


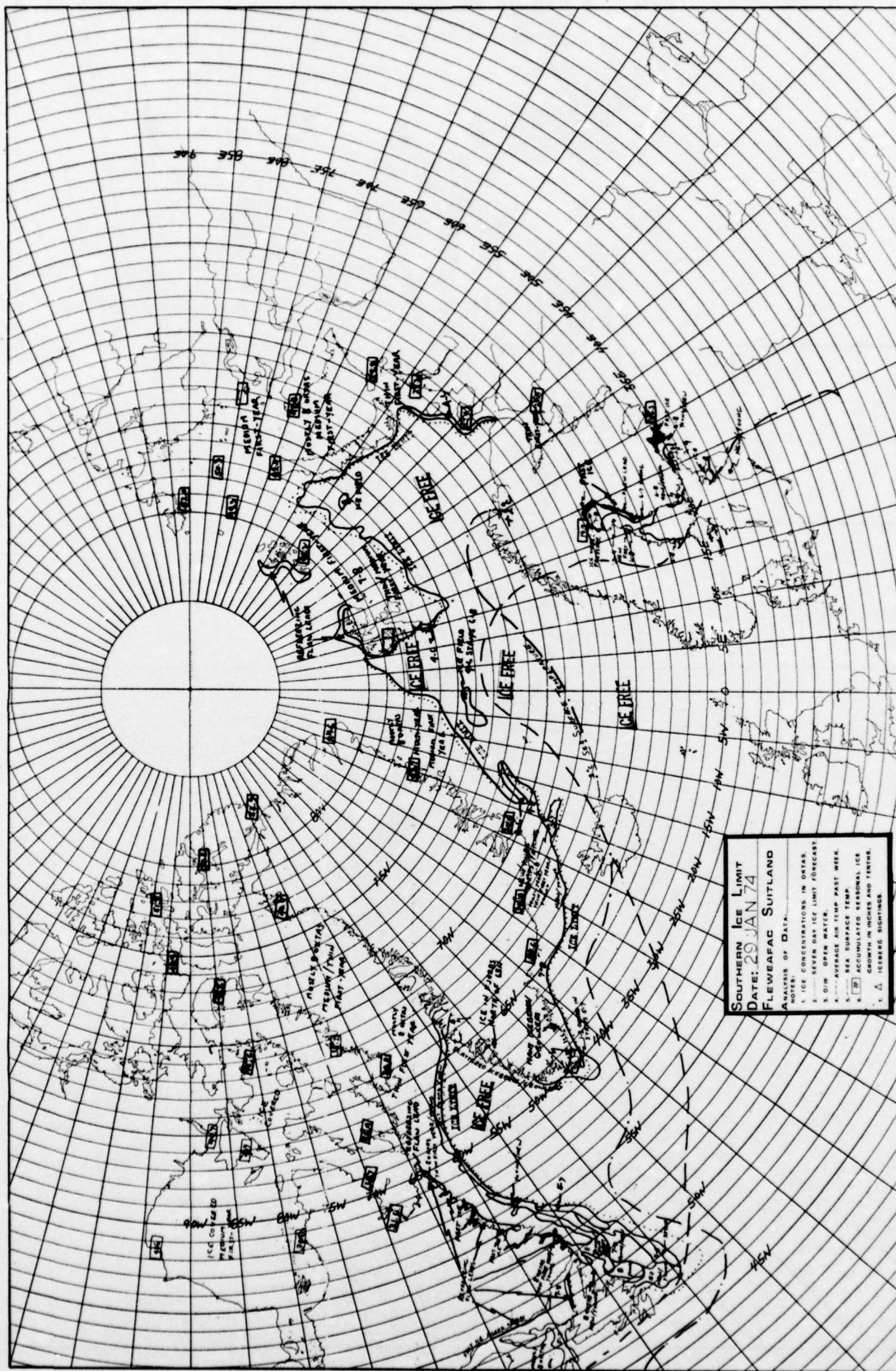


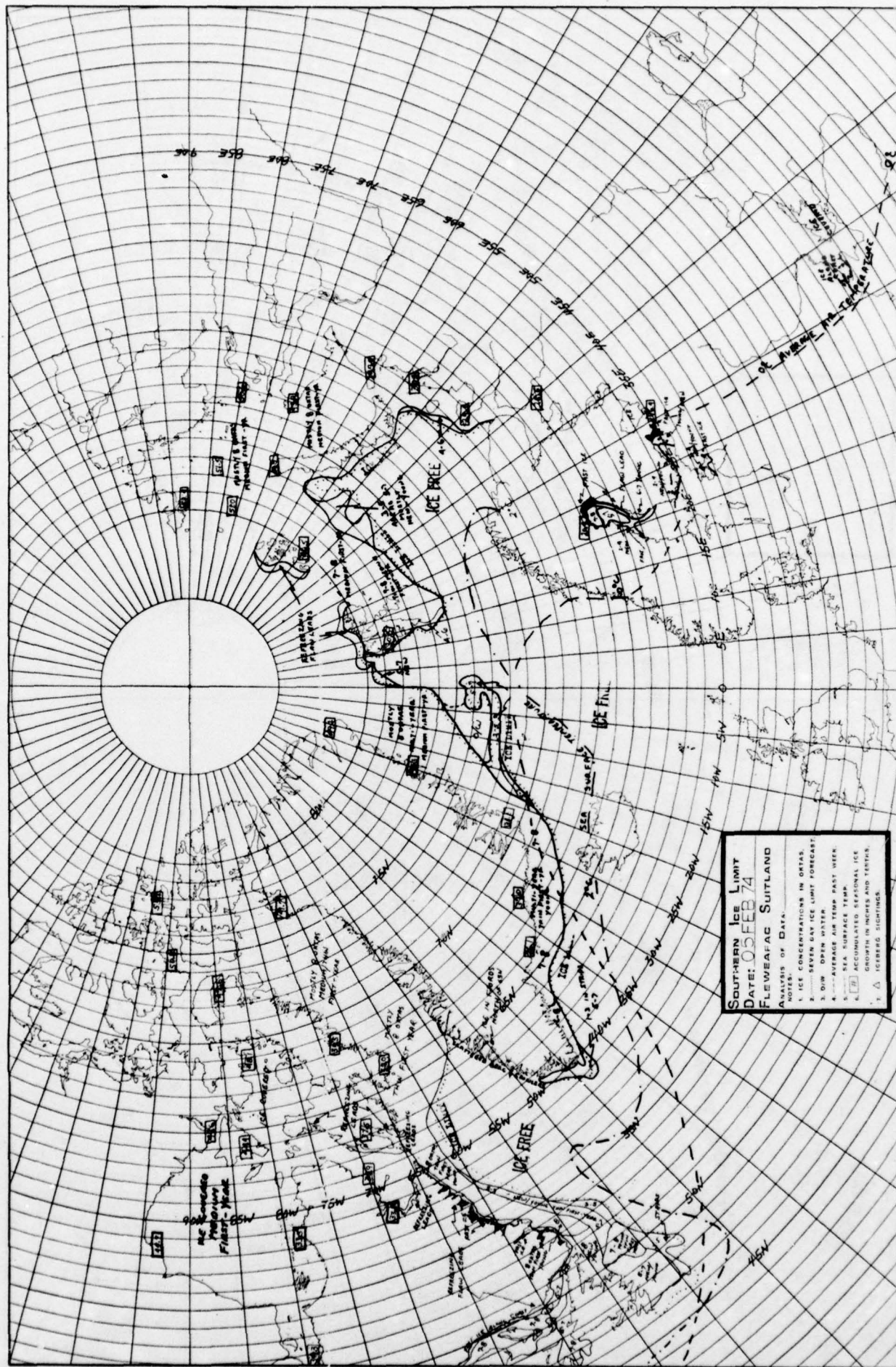


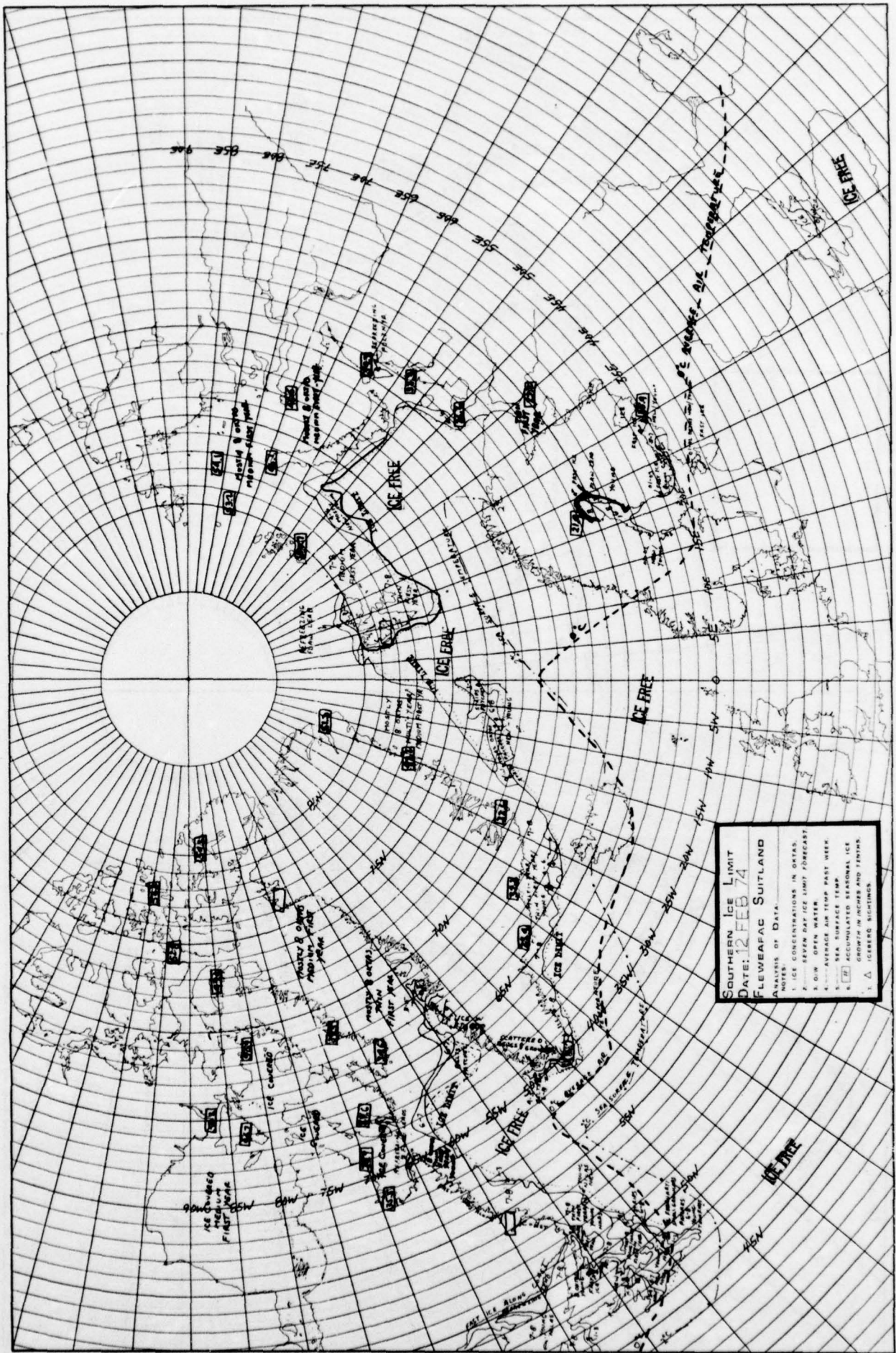


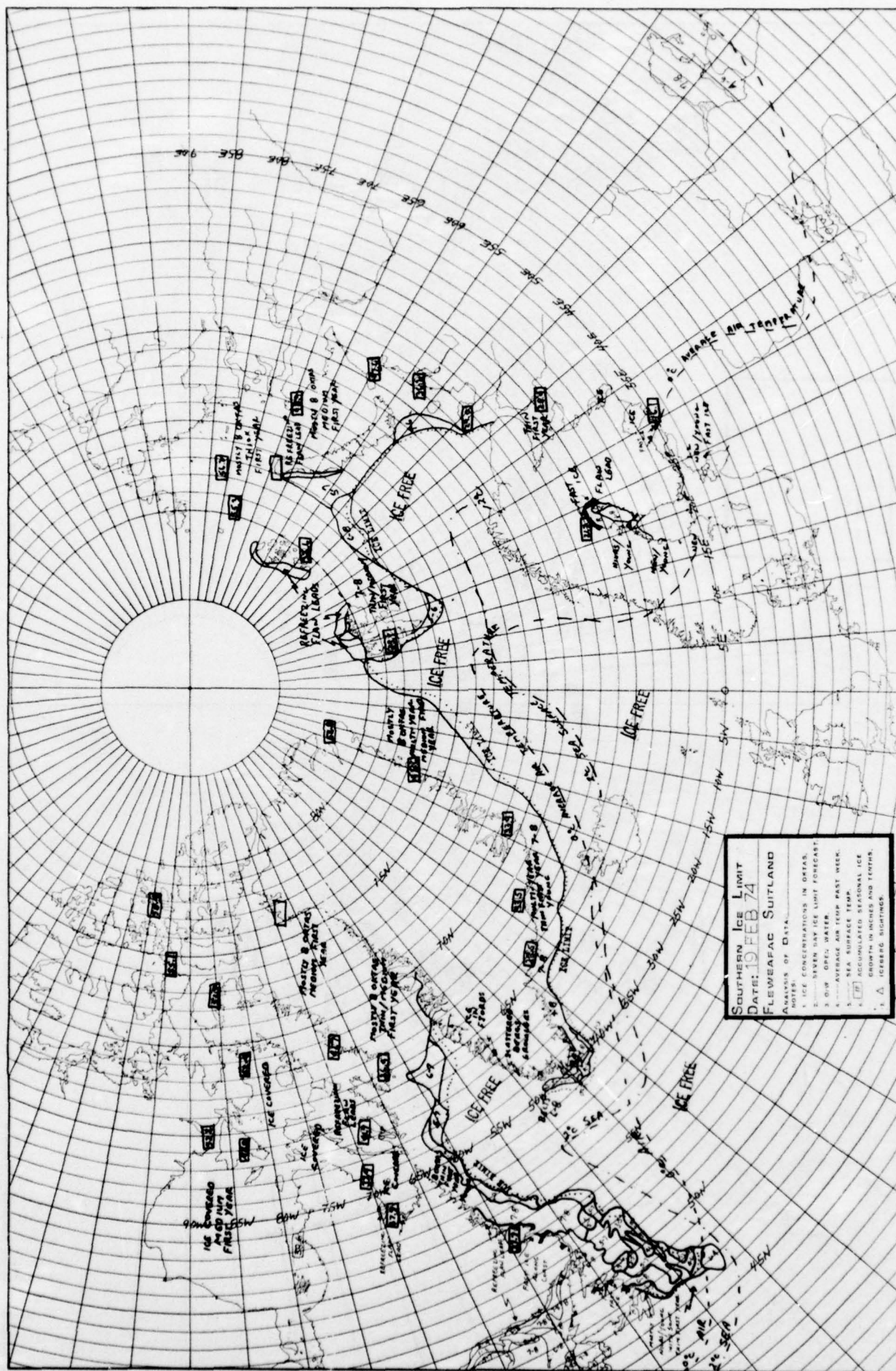


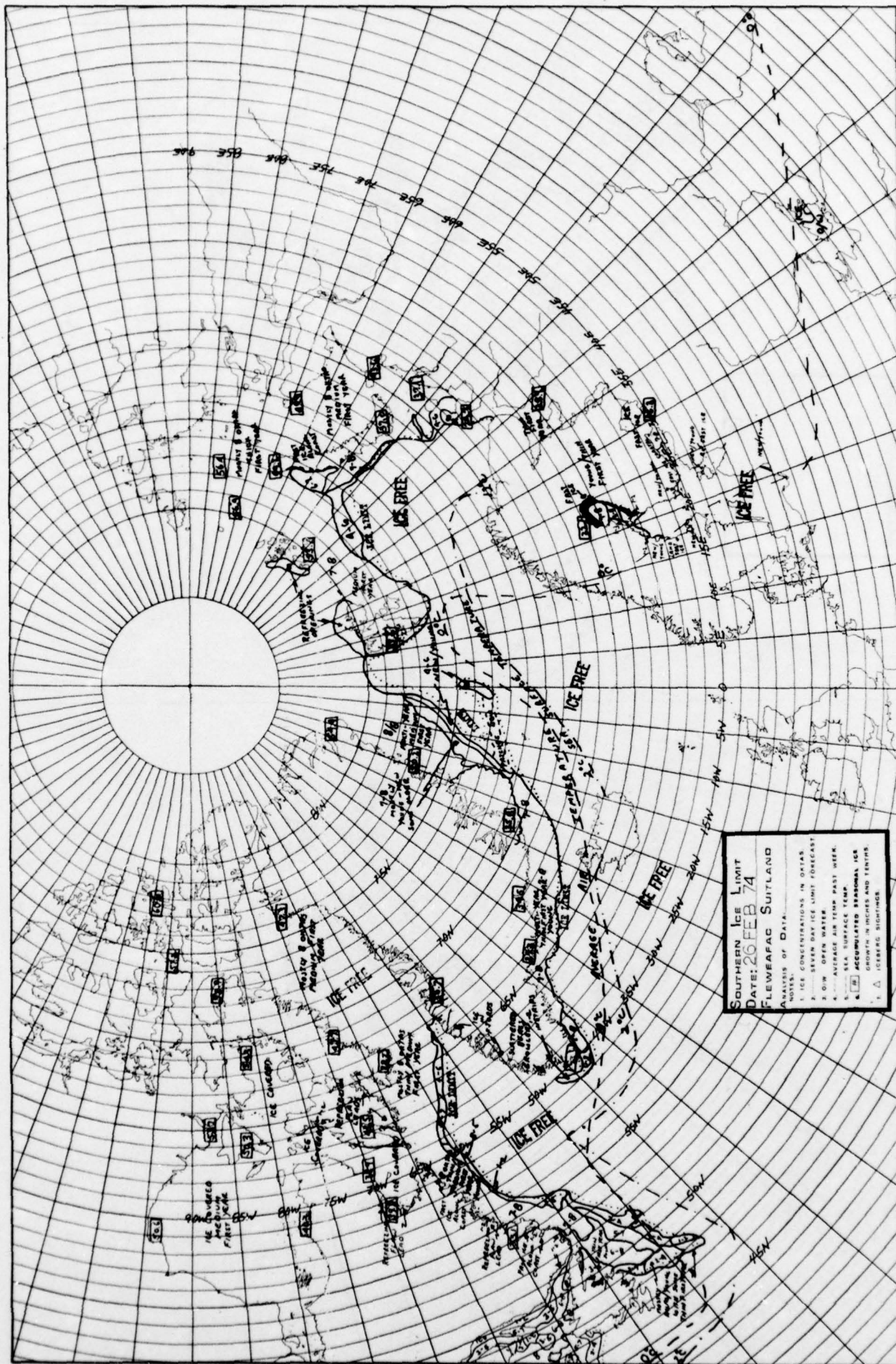


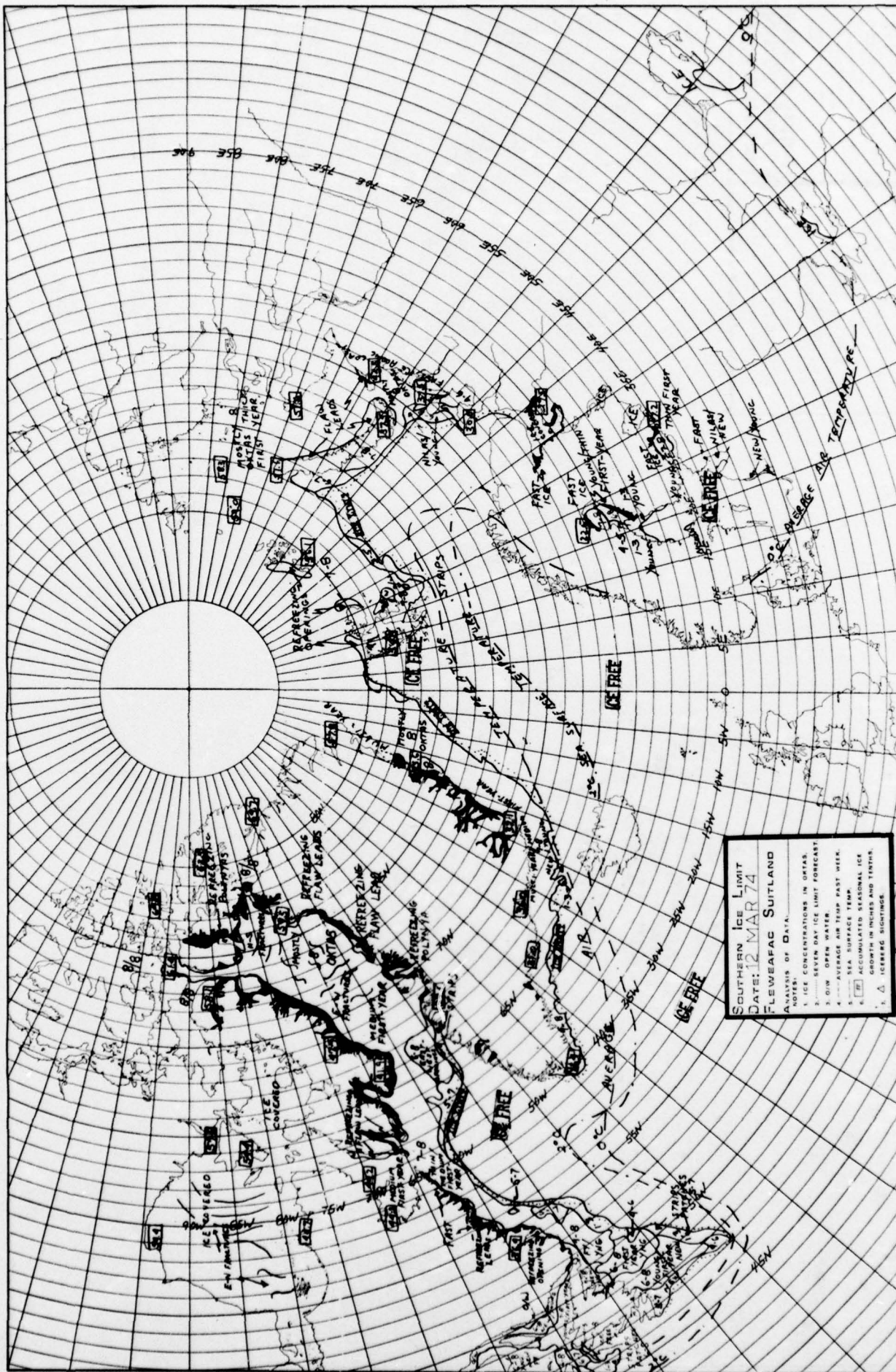


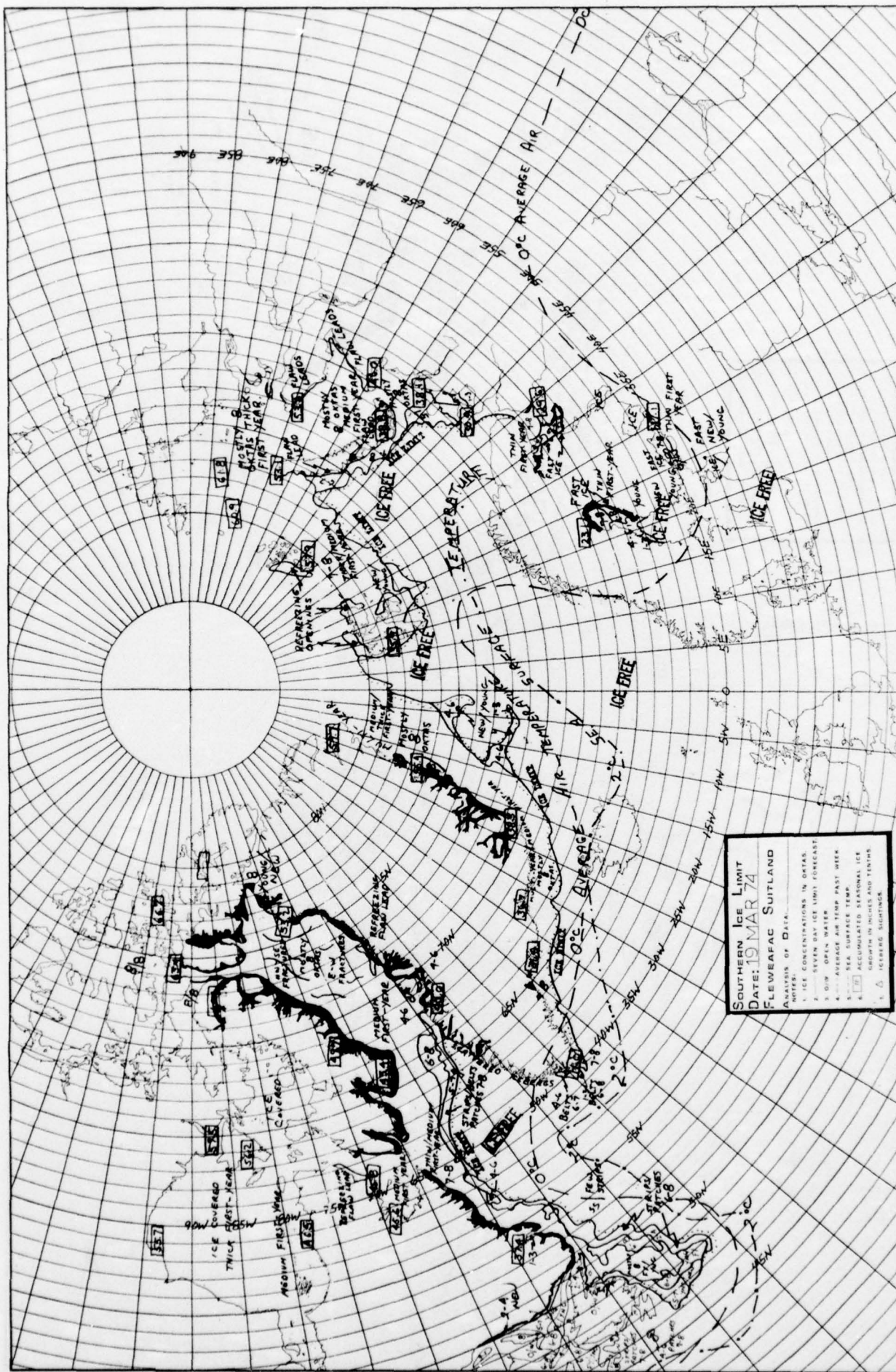


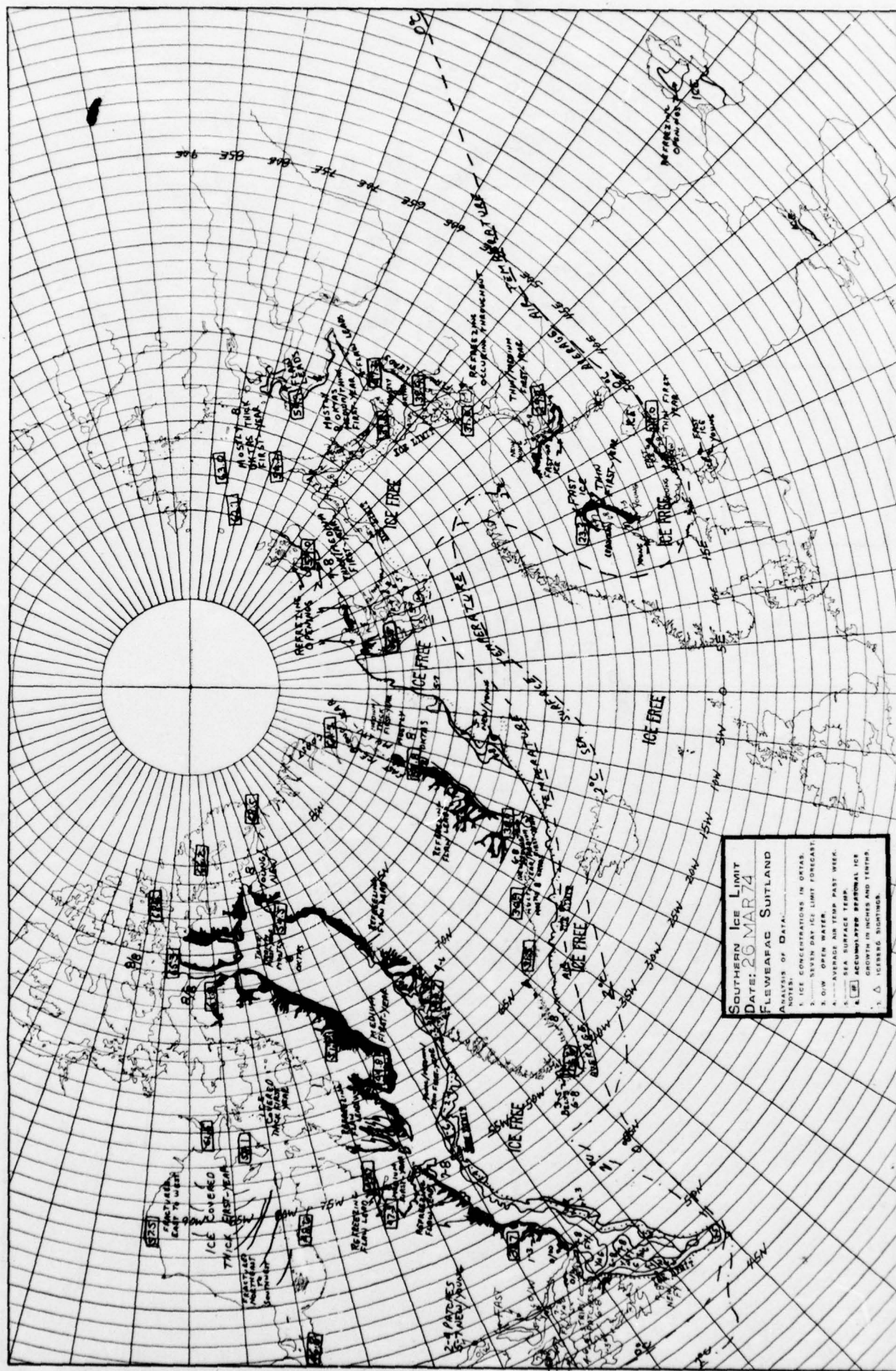


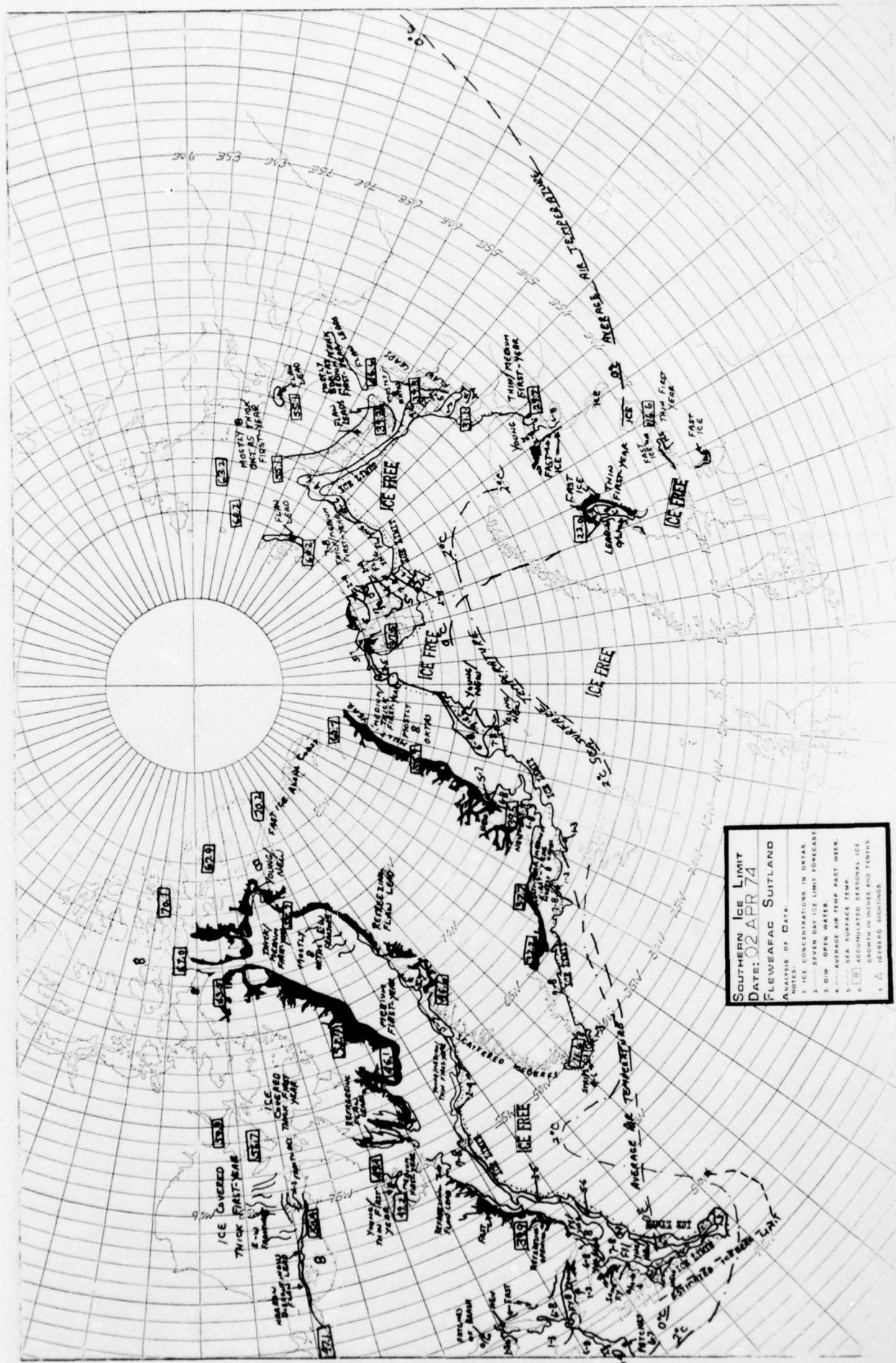


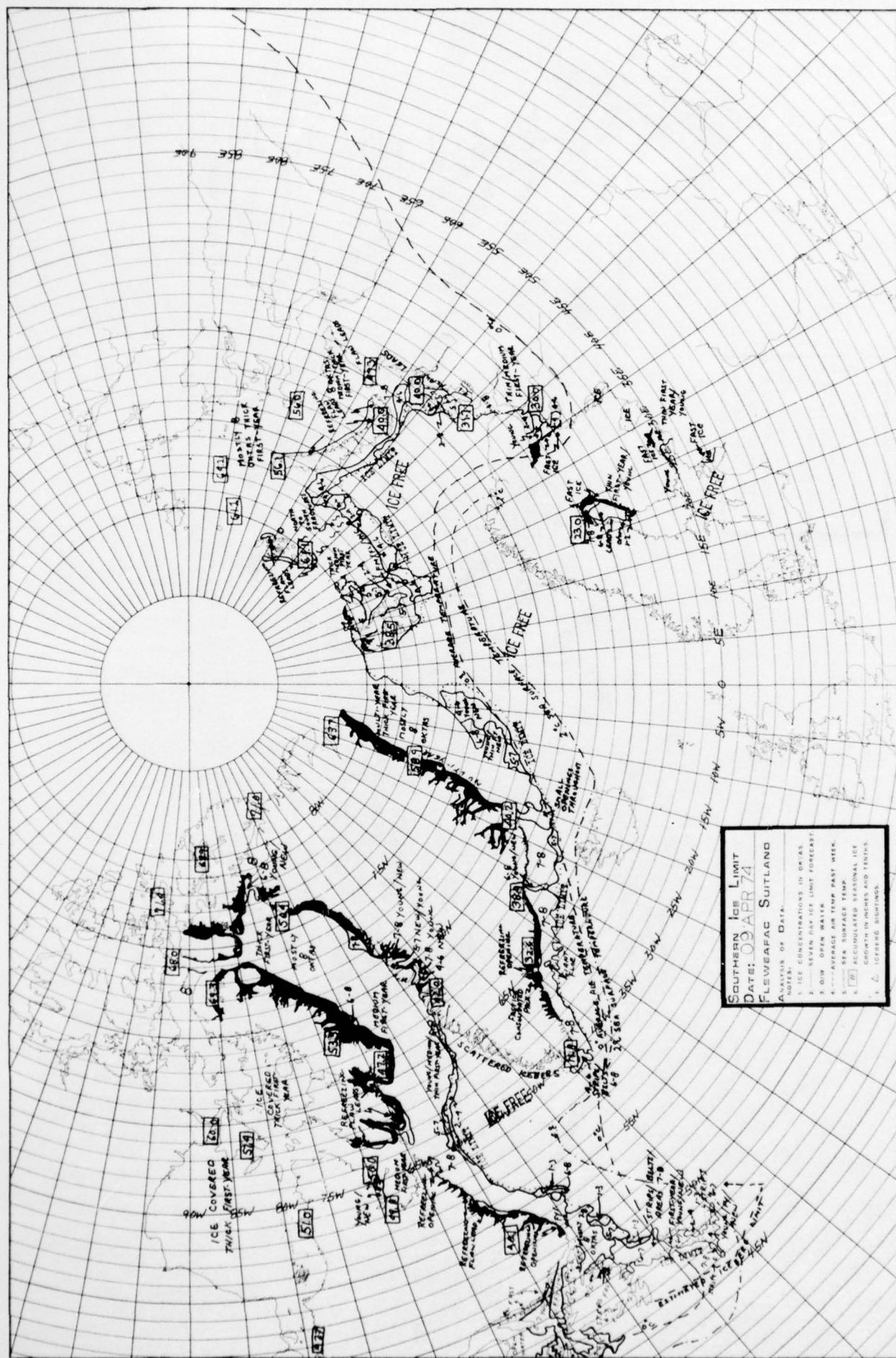


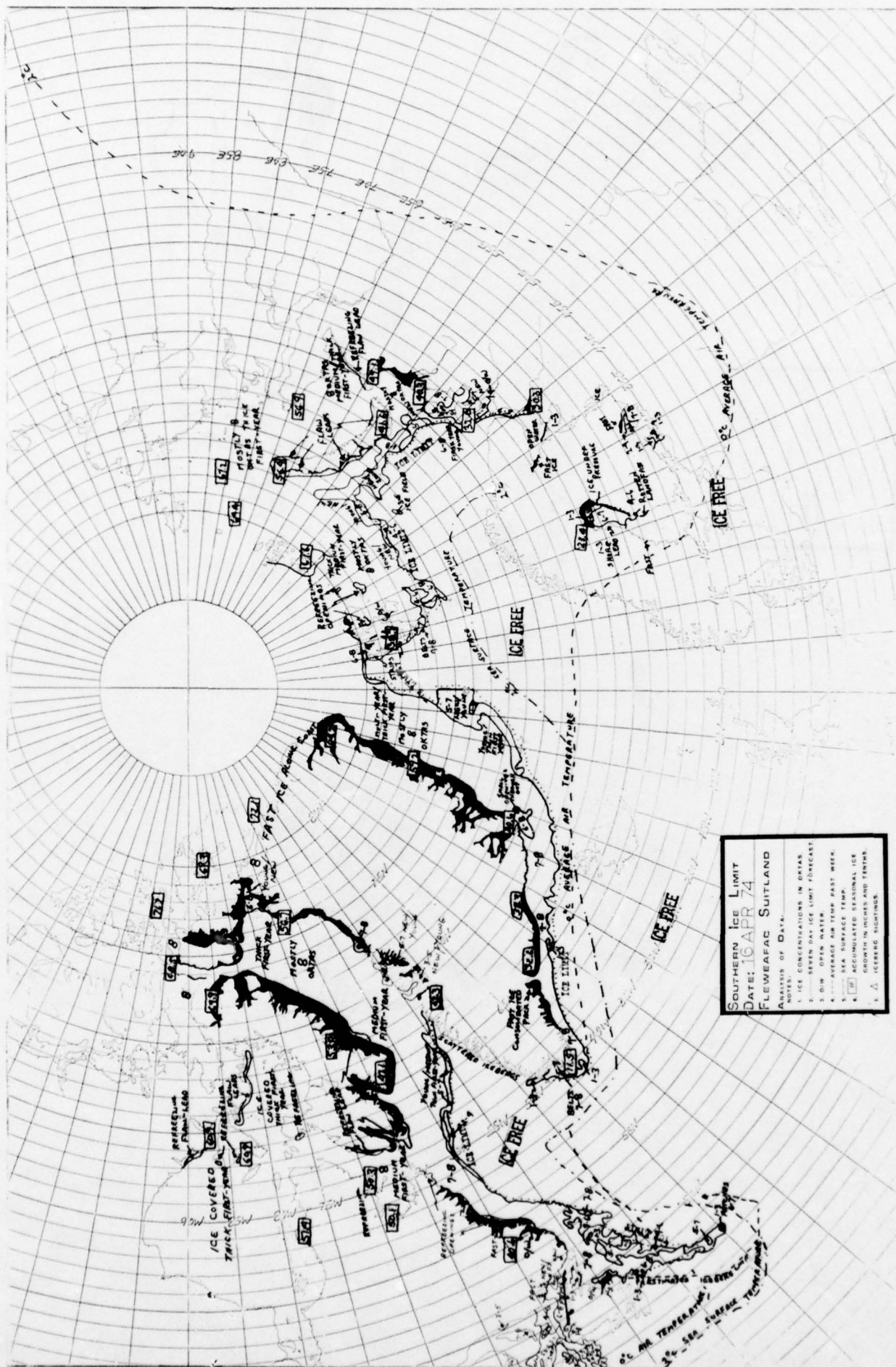


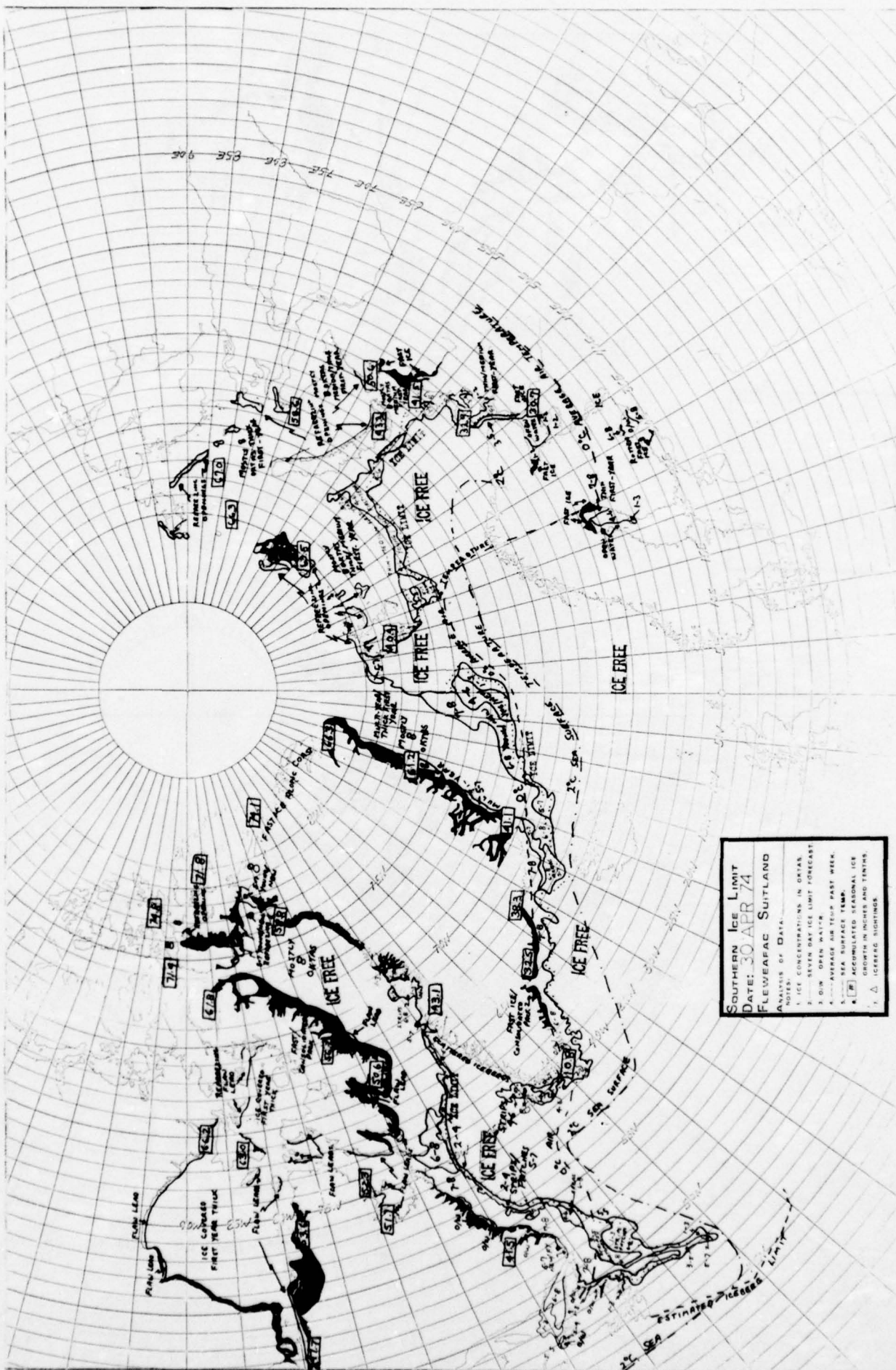


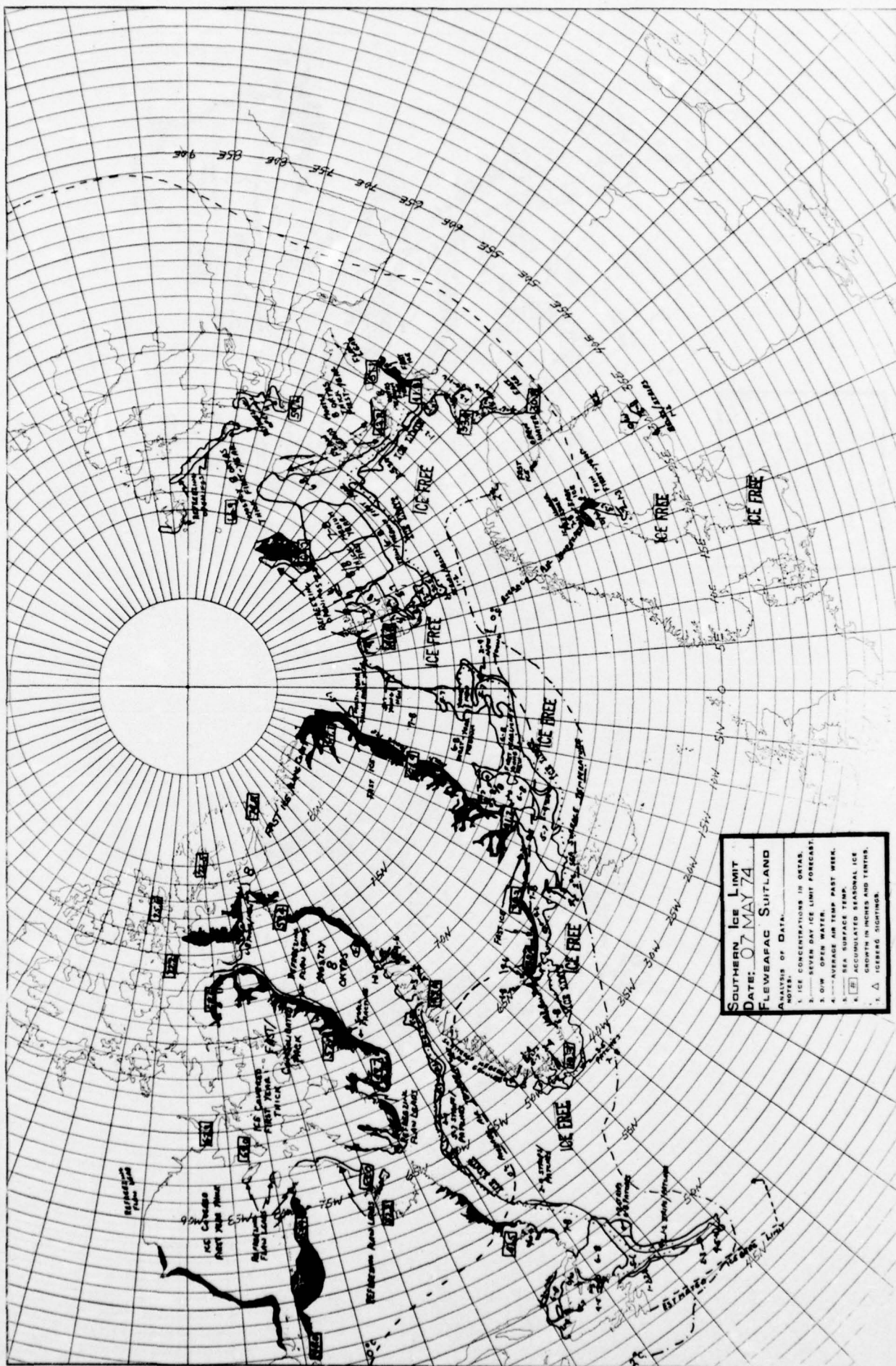


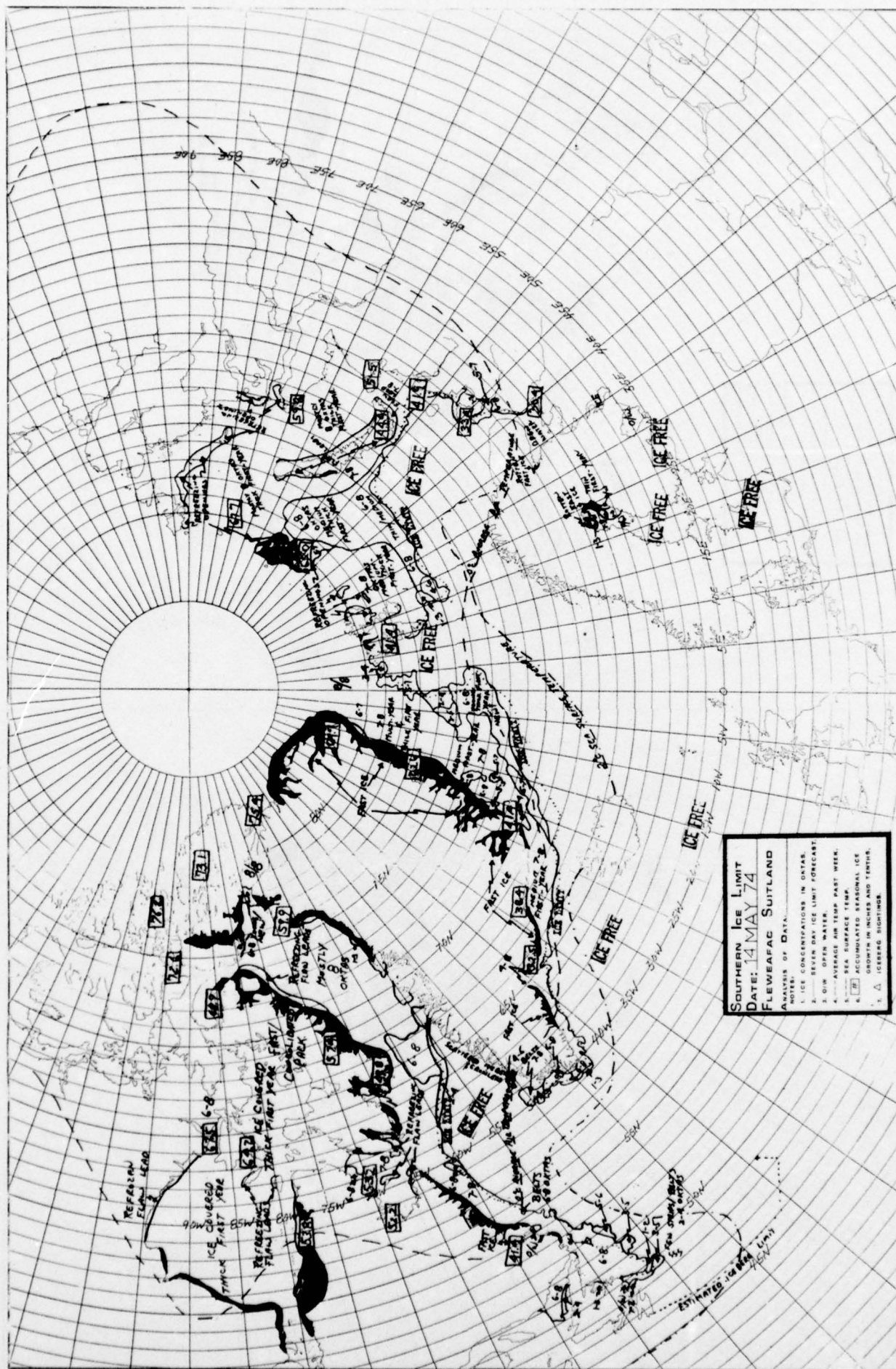


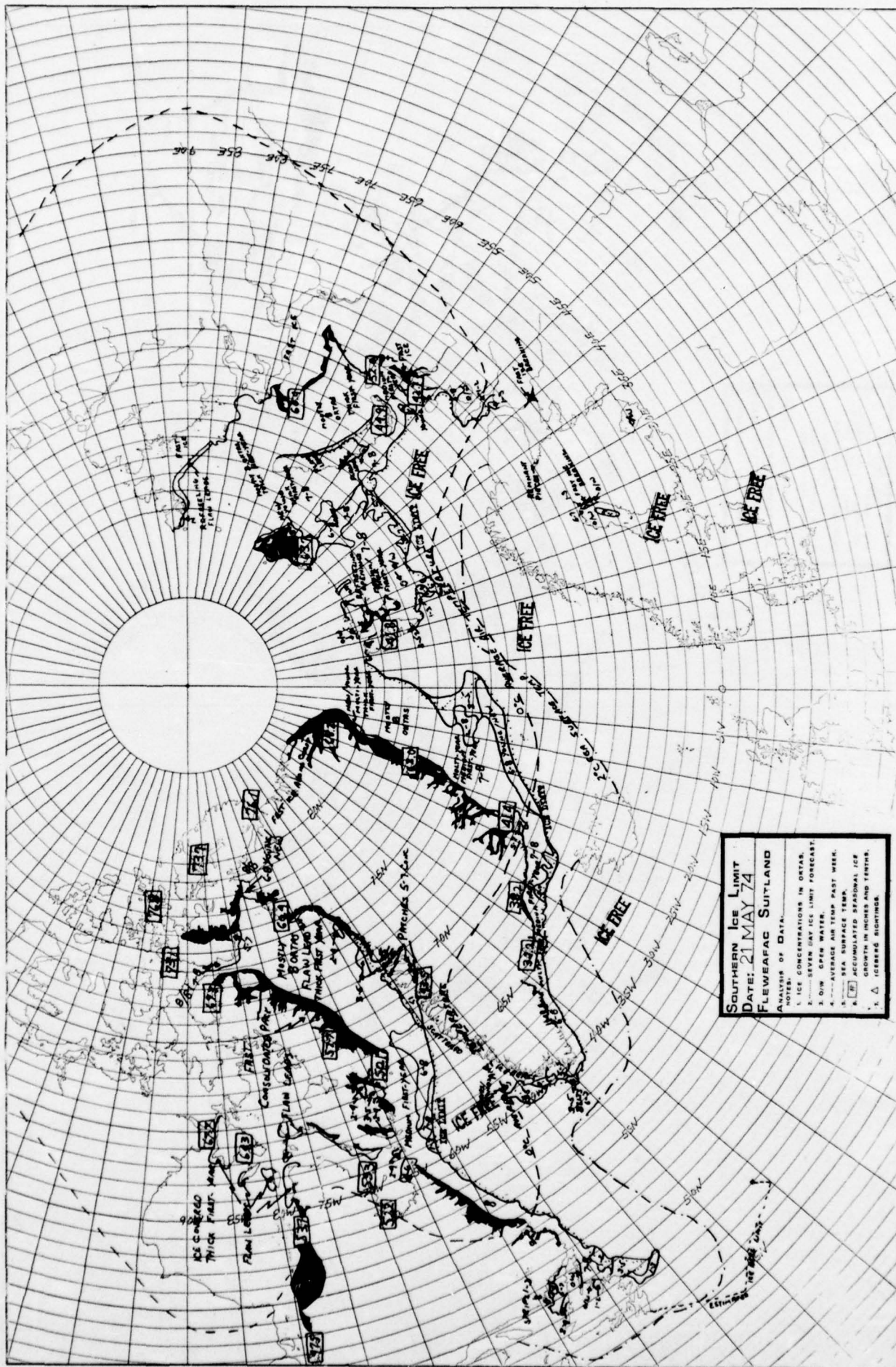


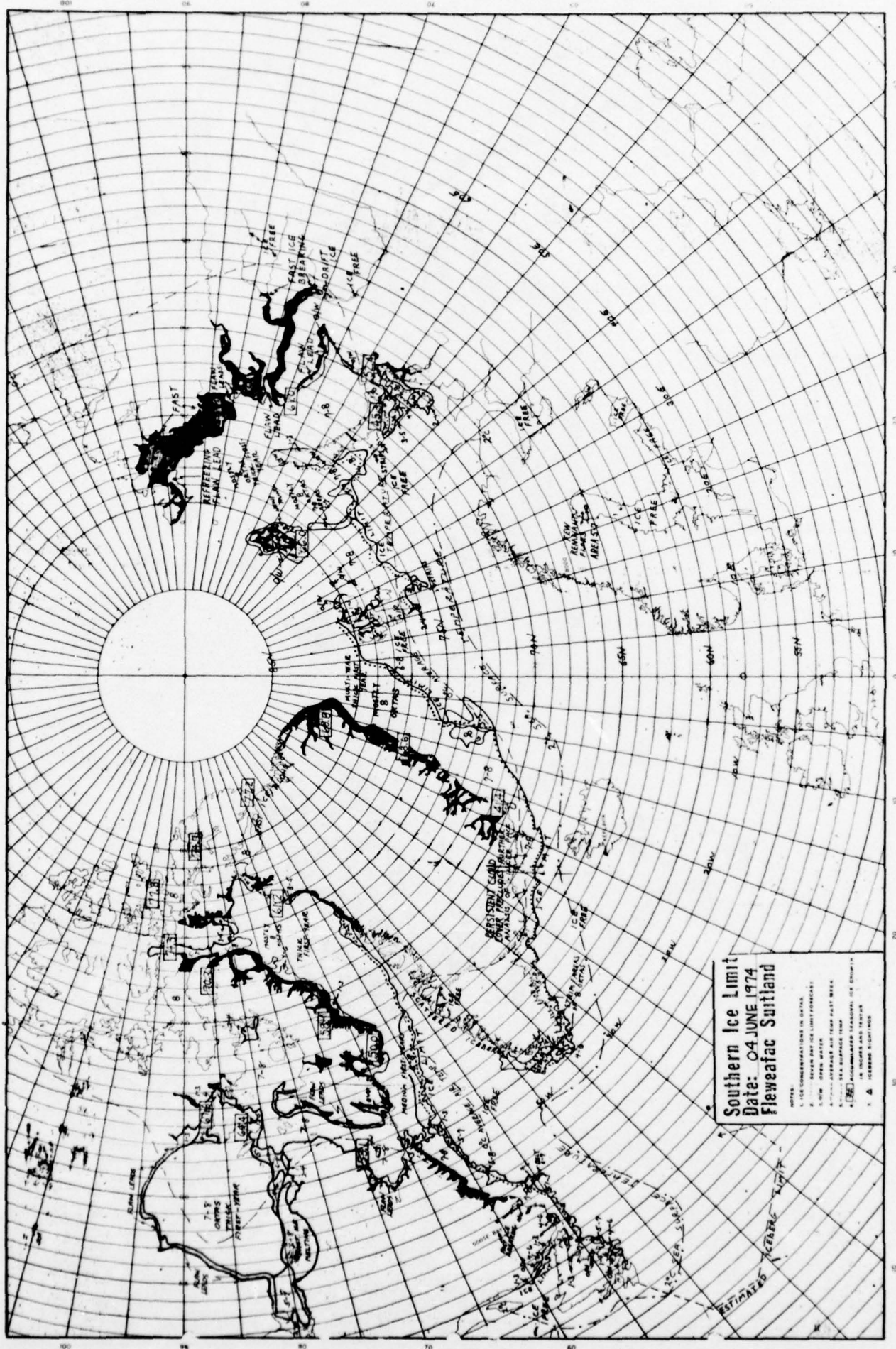


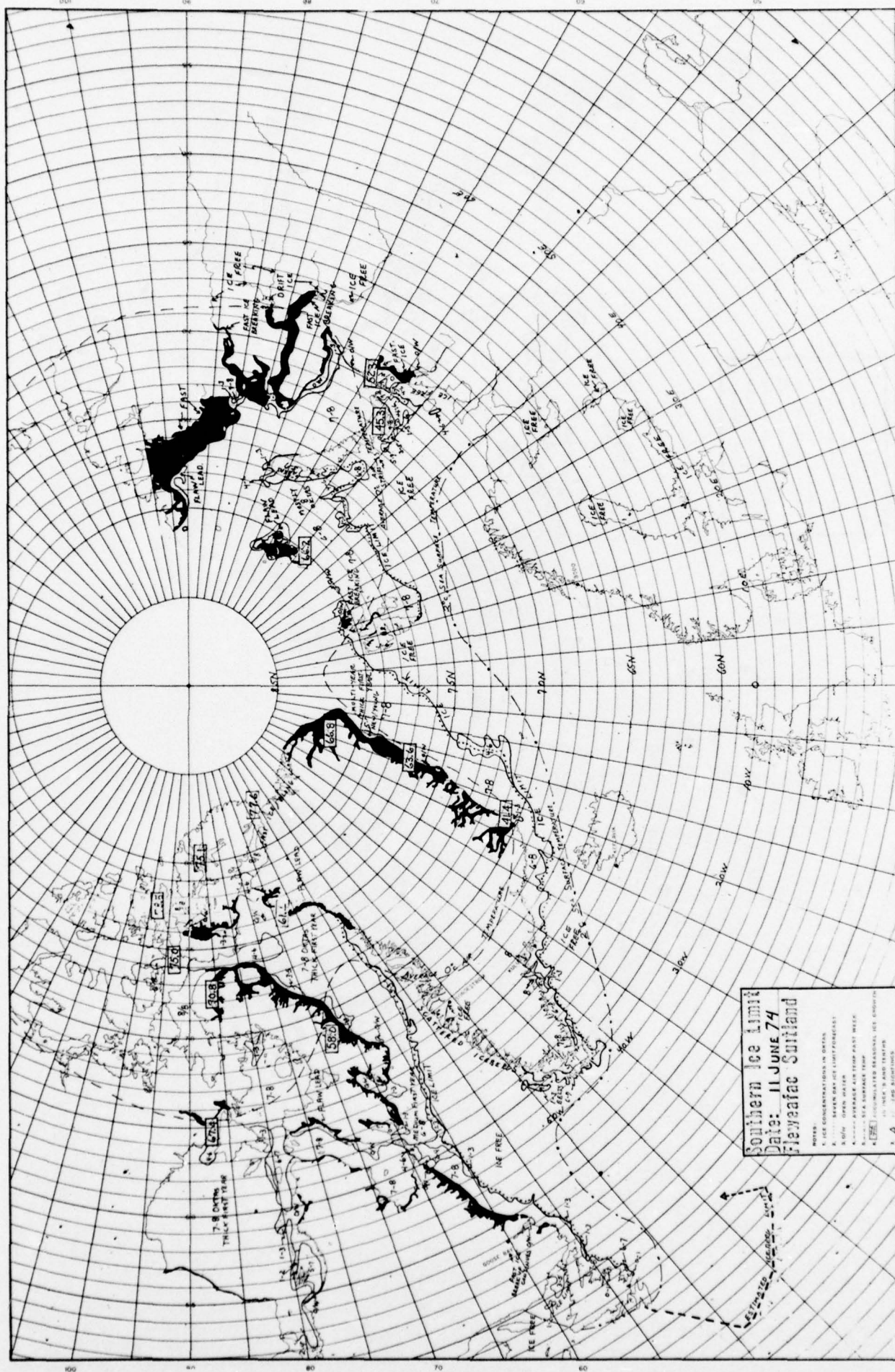






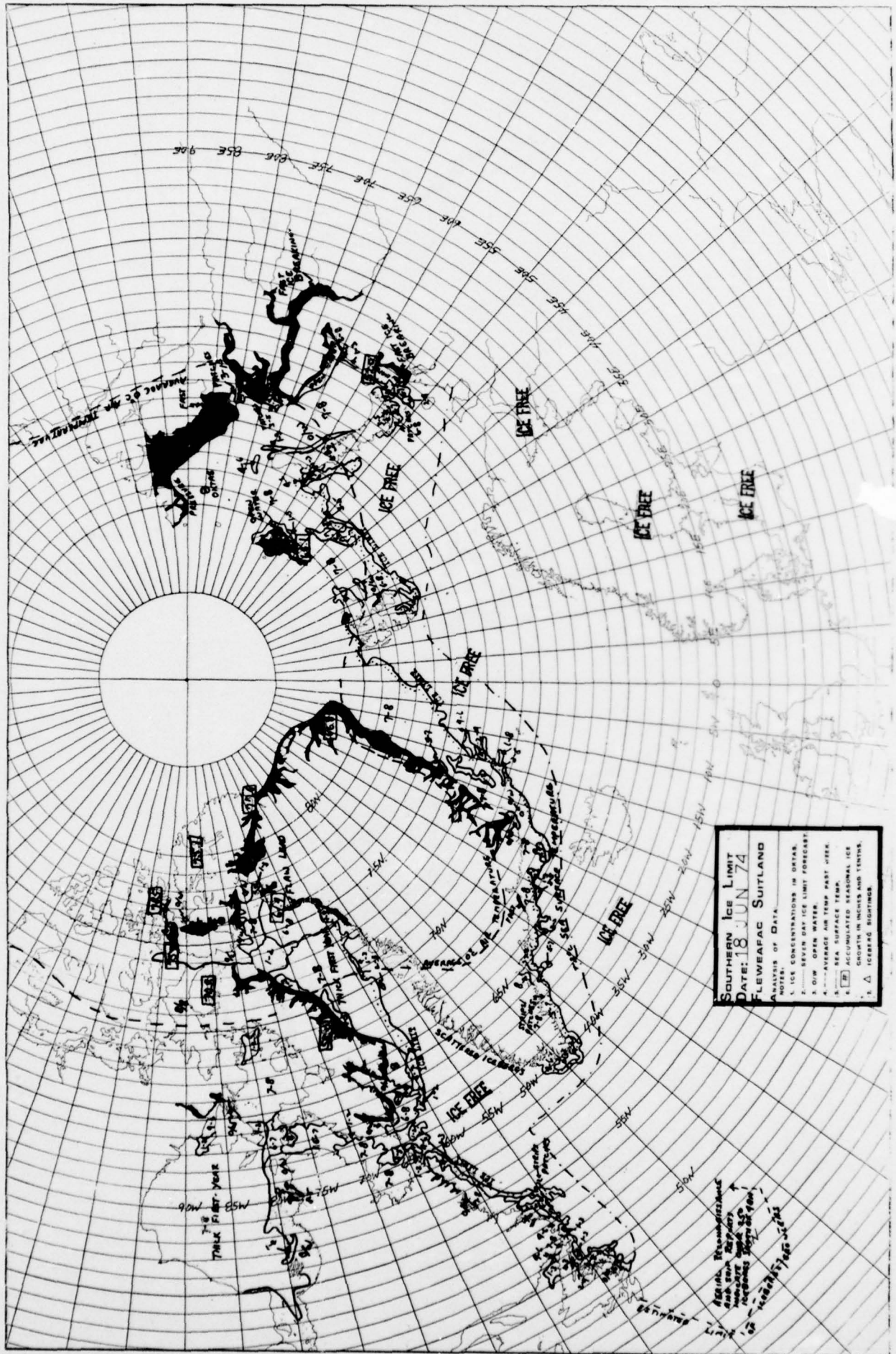


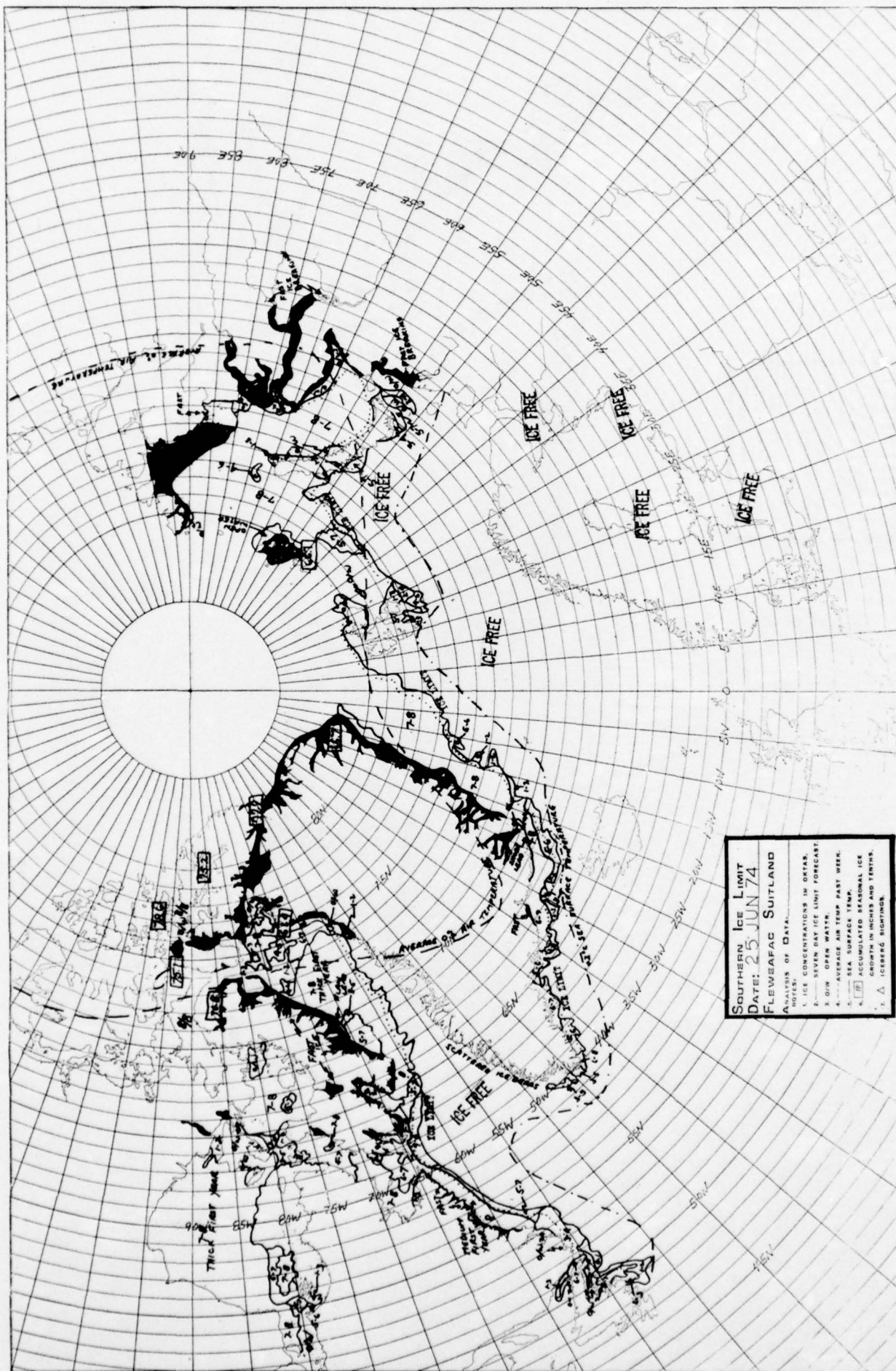


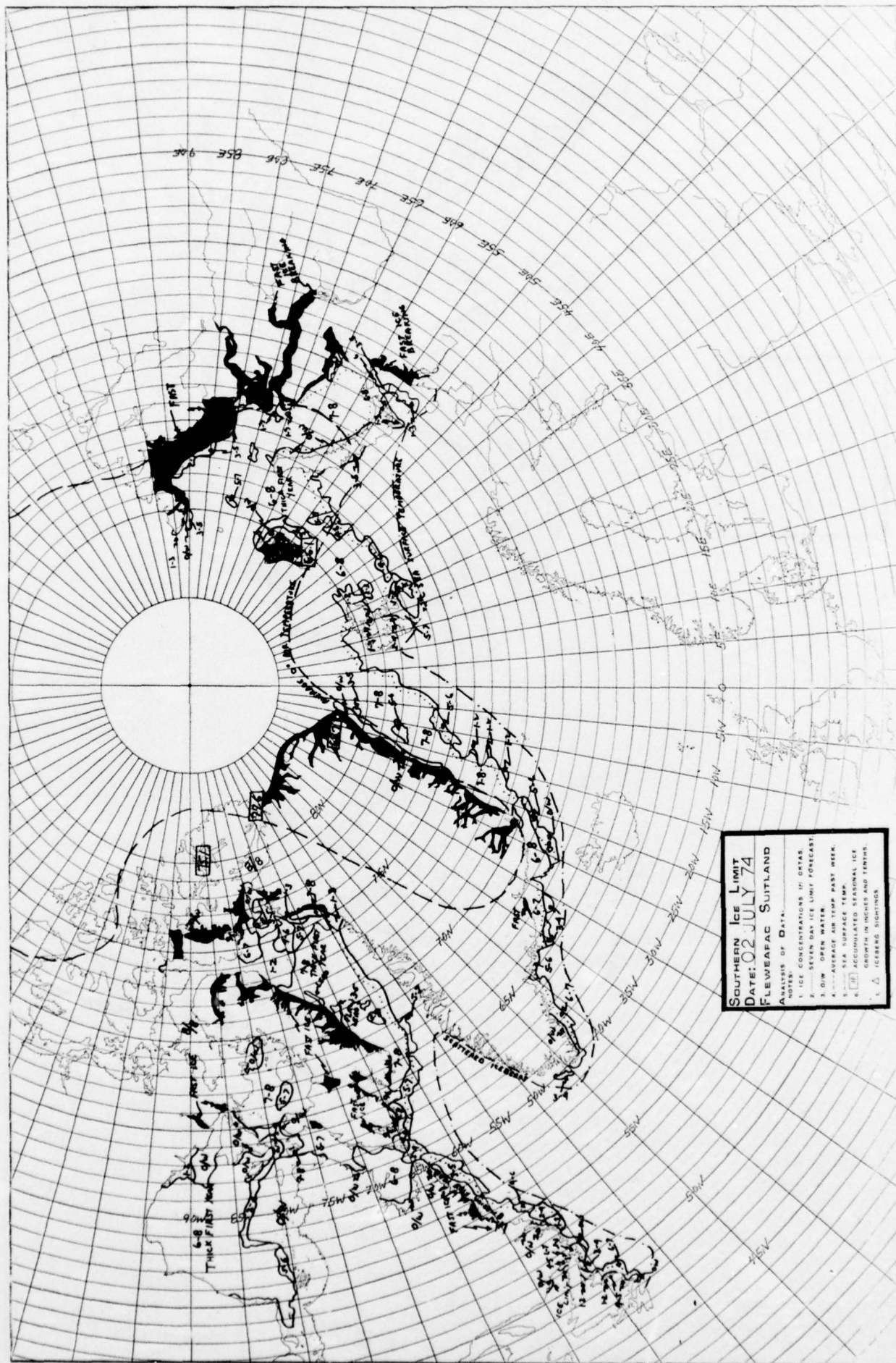


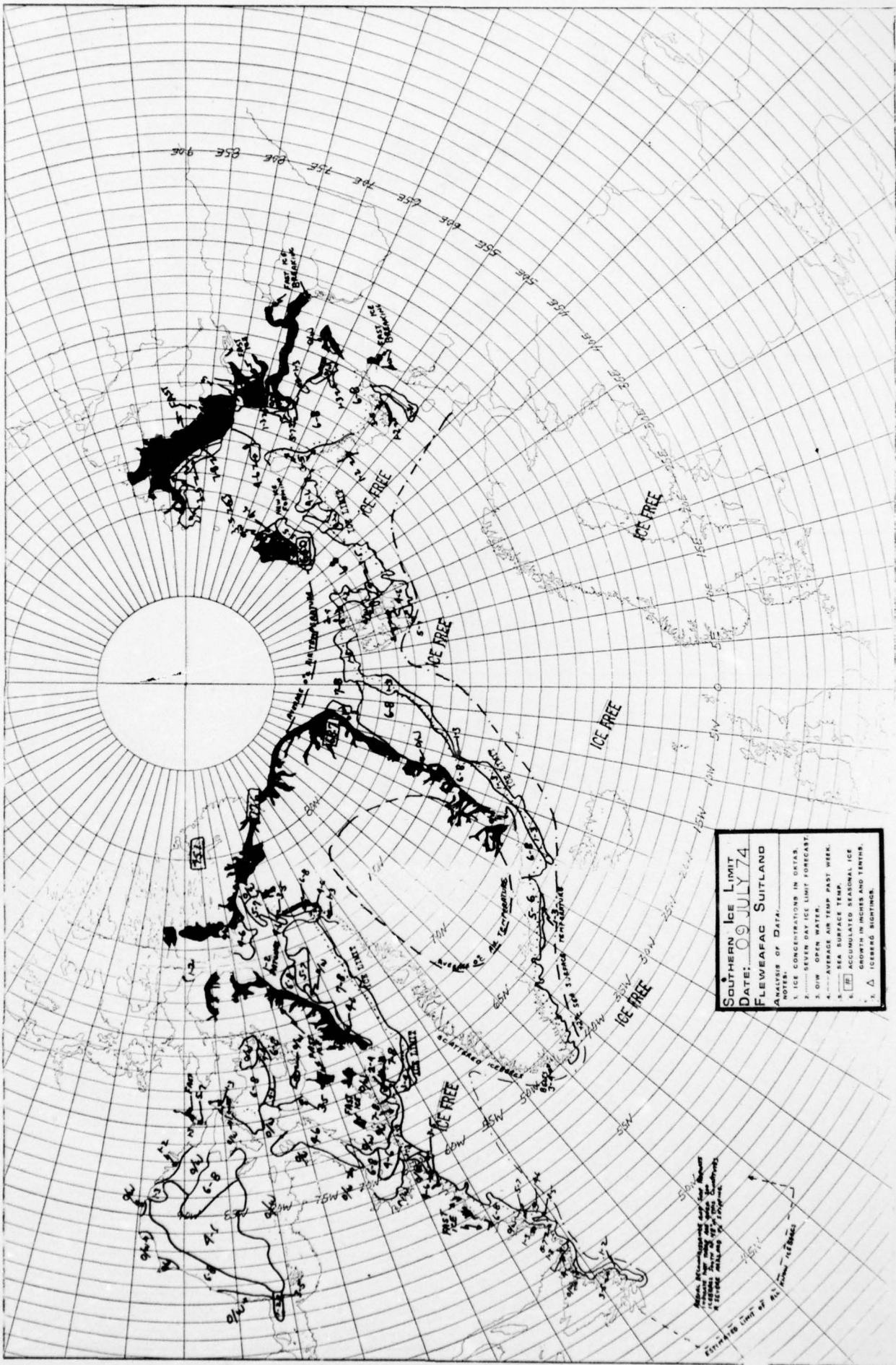
Southern Ice Limit
Date: 11 JUNE 74
Fleuveatac Surland

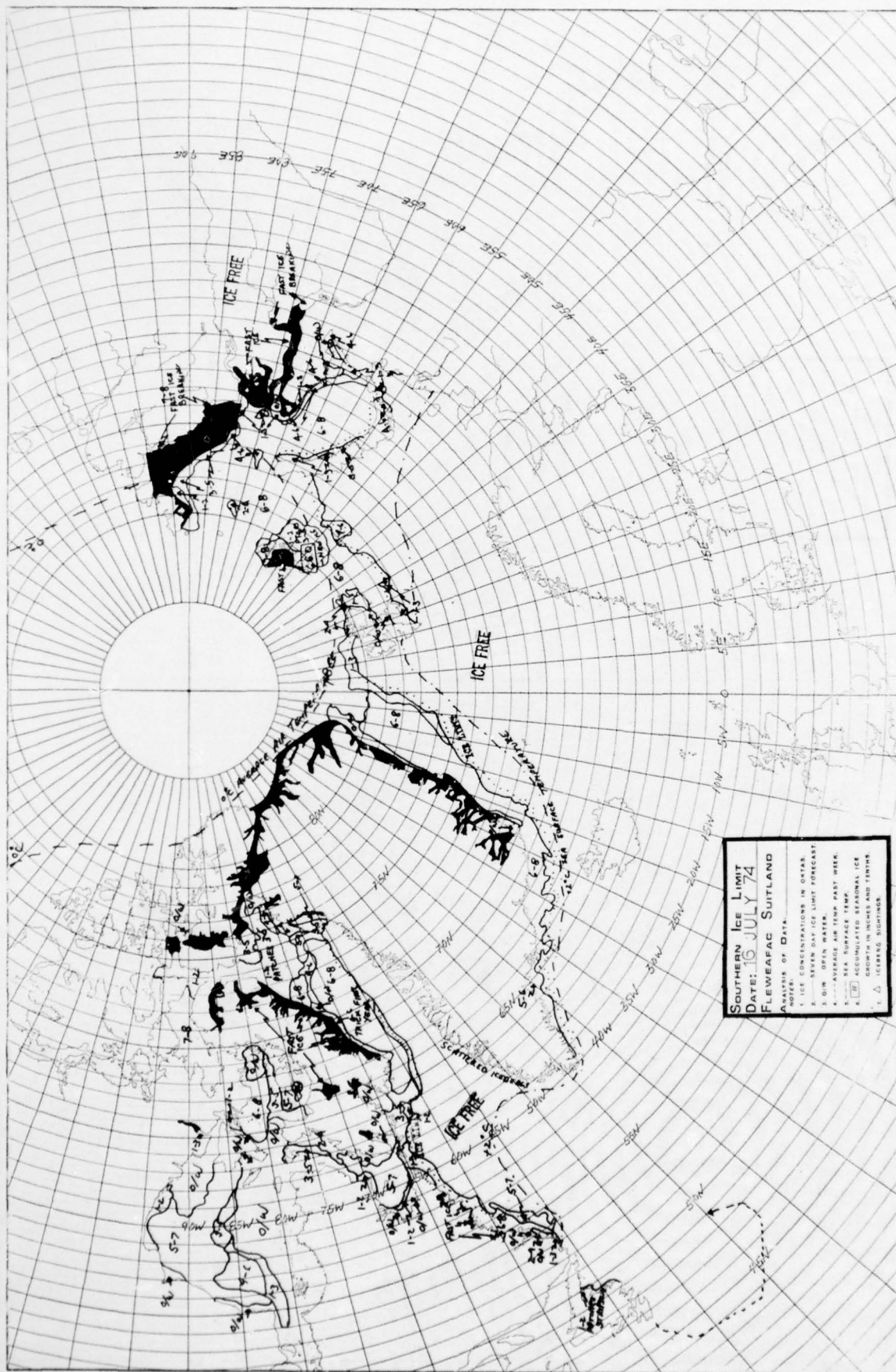
NOTES:
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 2. SEVEN DAY ICE LIMIT FORECAST
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 4. AVERAGE AIR TEMP LAST WEEK
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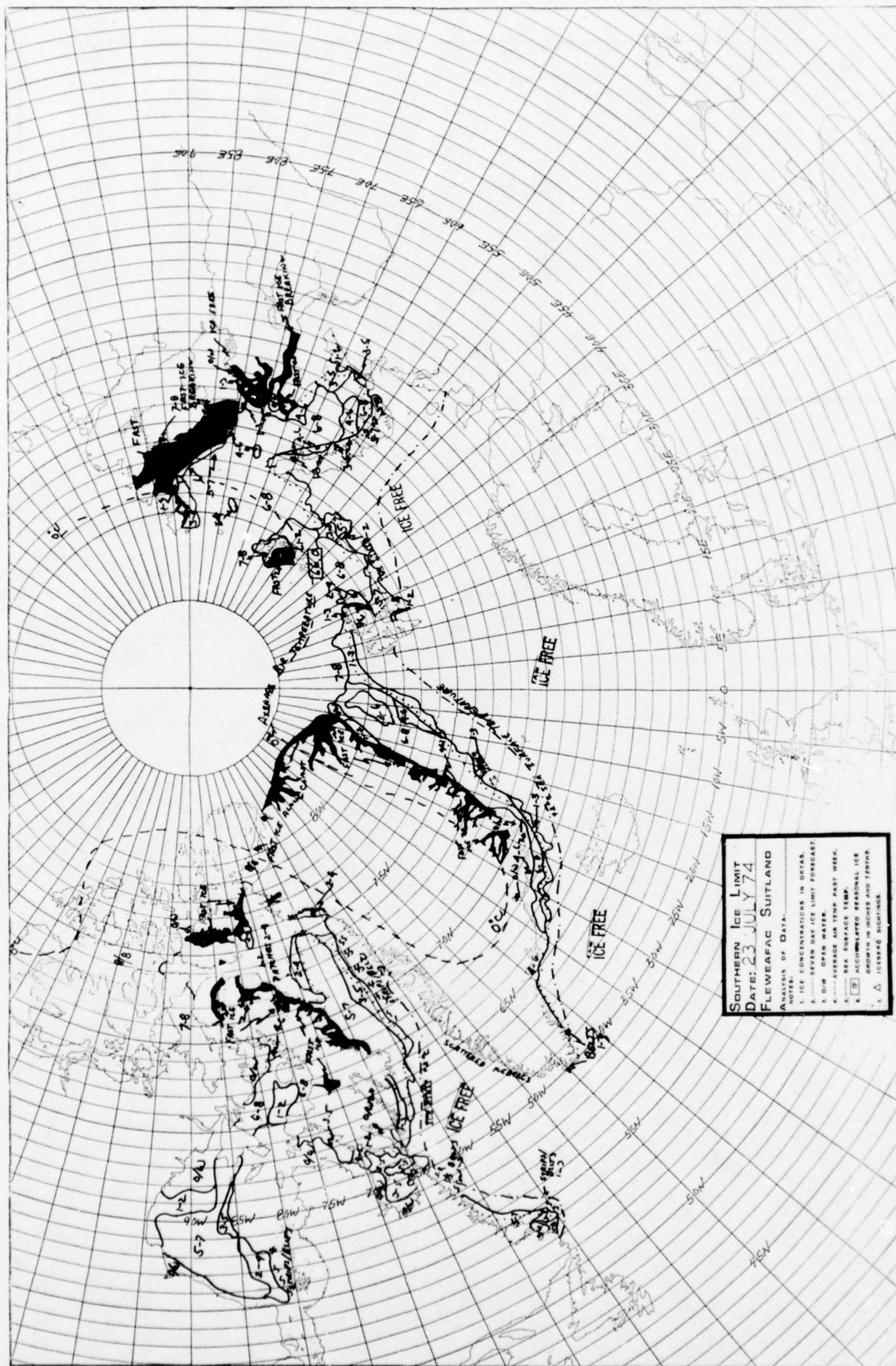


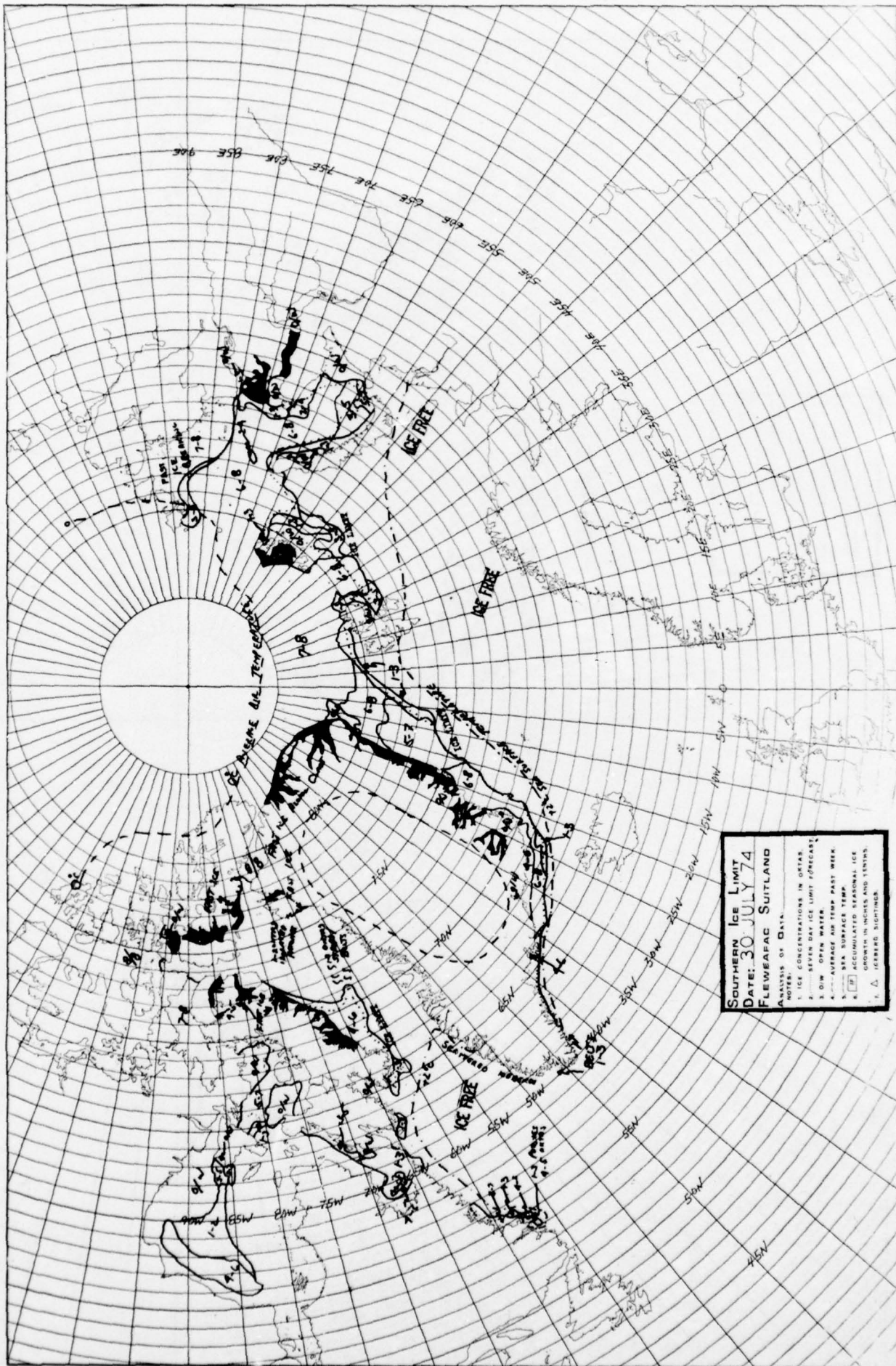








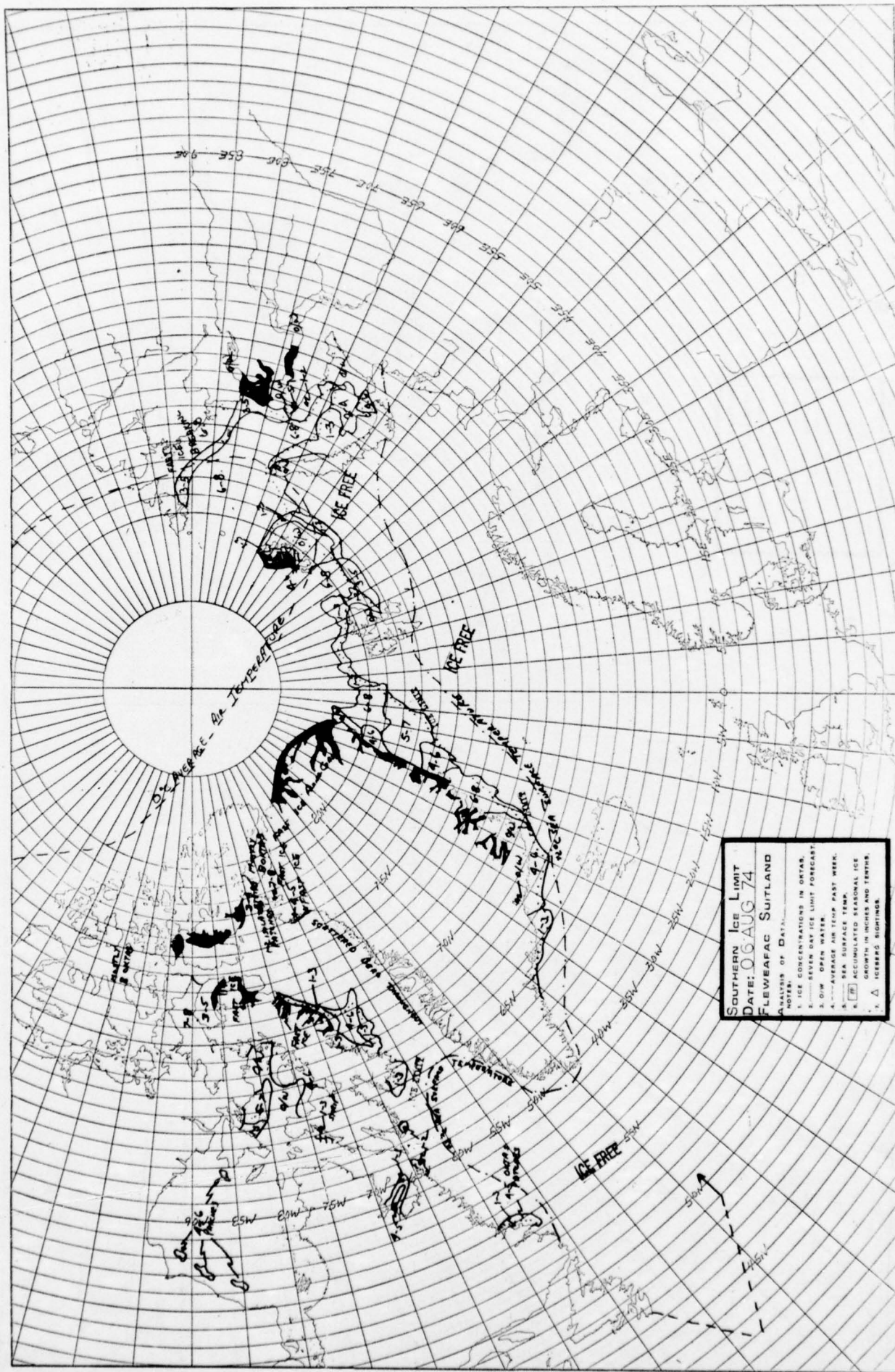


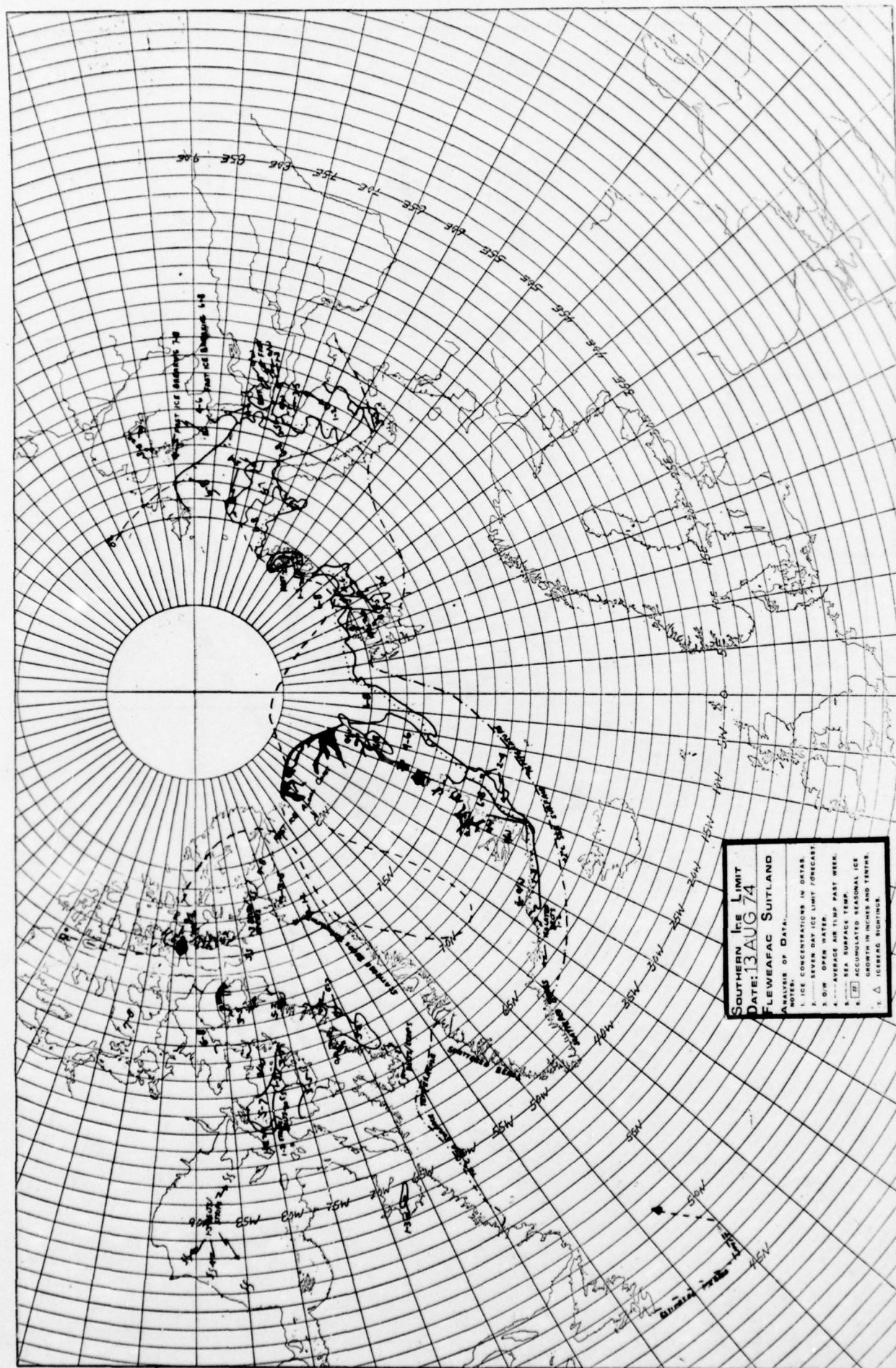


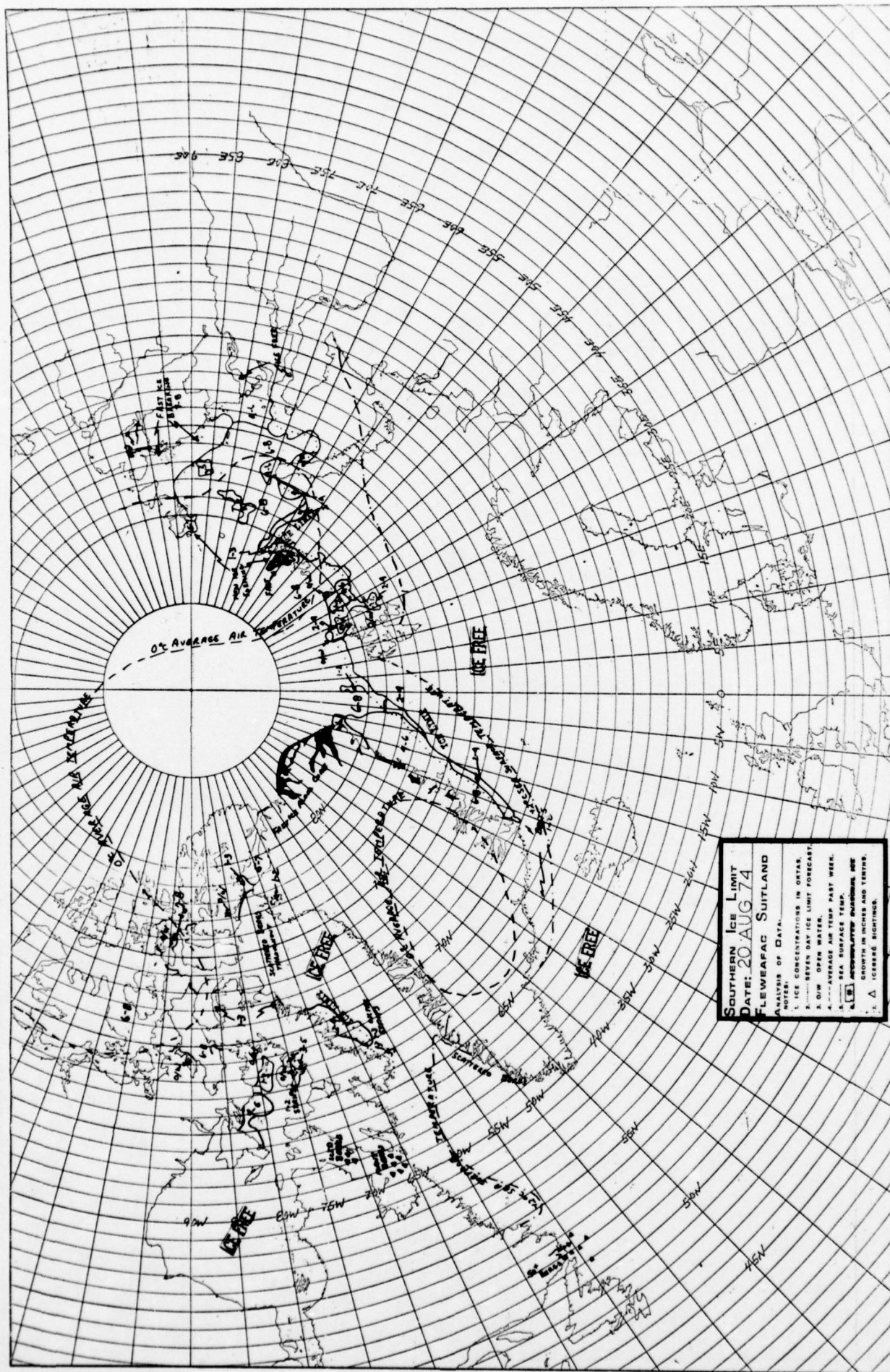
SOUTHERN ICE LIMIT
DATE: 30 JULY 74
FLEWEAFAC SUITLAND

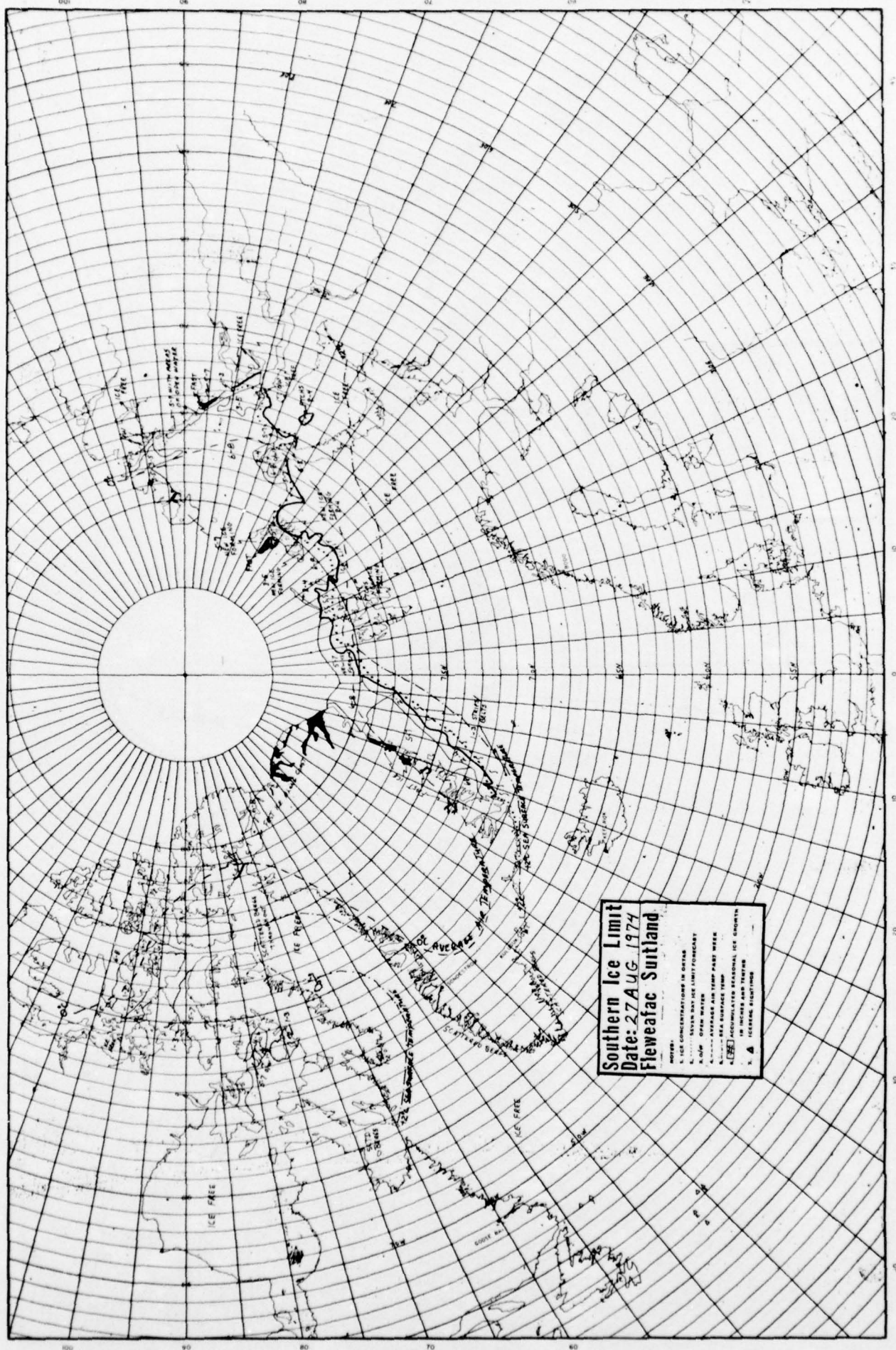
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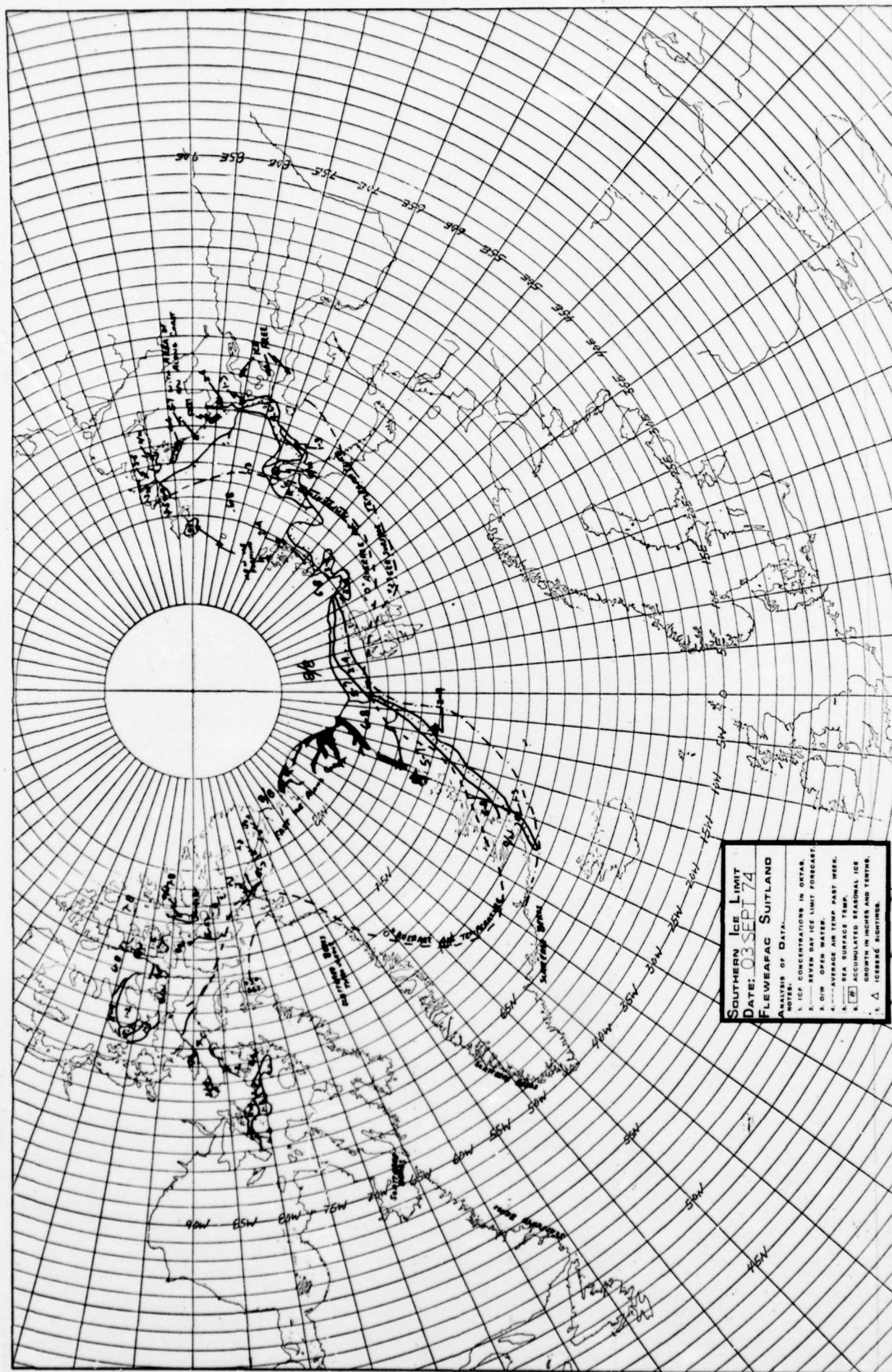
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2. SEVEN DAY ICE LIMIT FORECAST.
3. DIM. OPEN WATER.
4. AVERAGE AIR TEMP. PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. GENERAL SIGHTING.

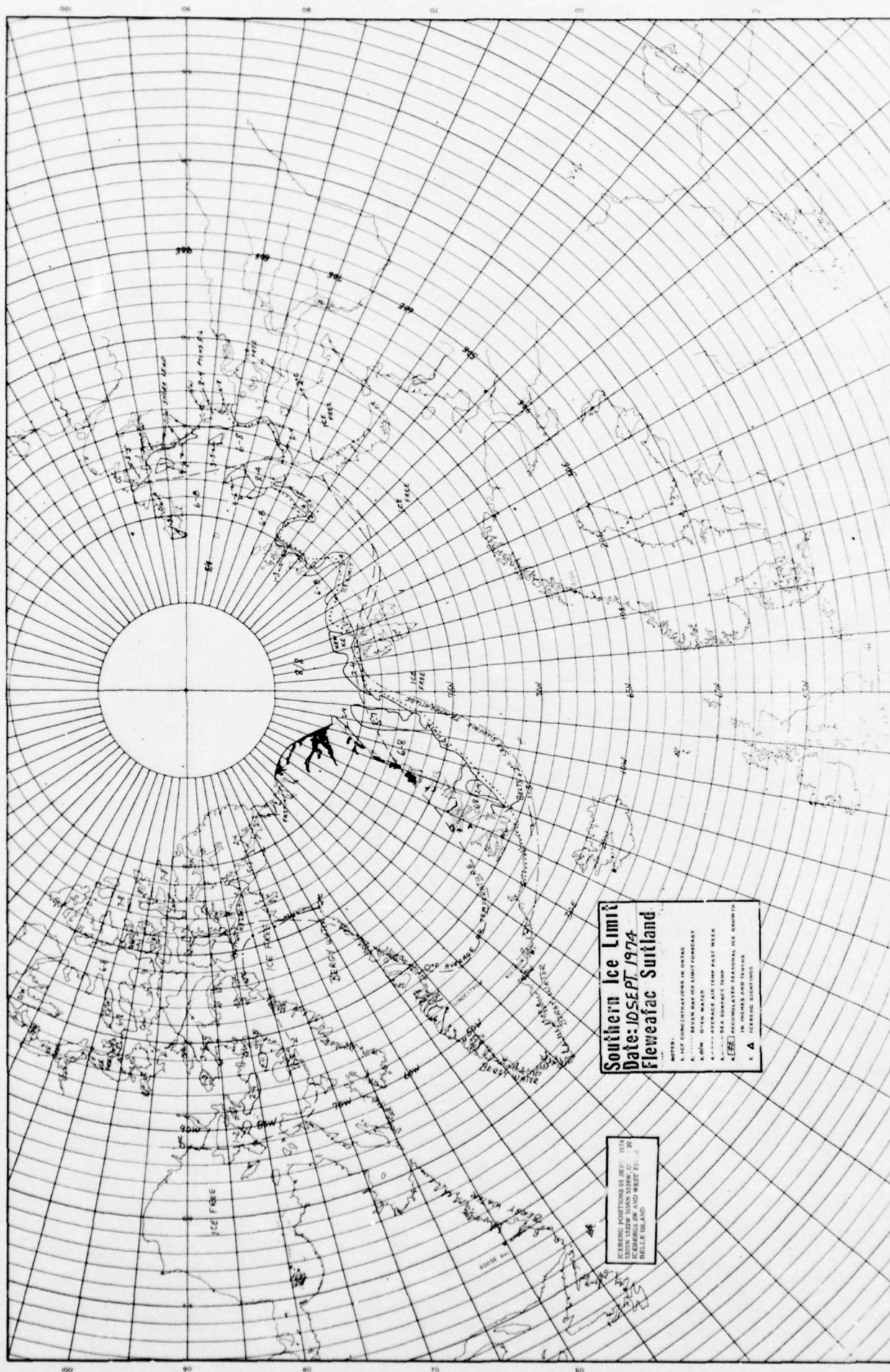


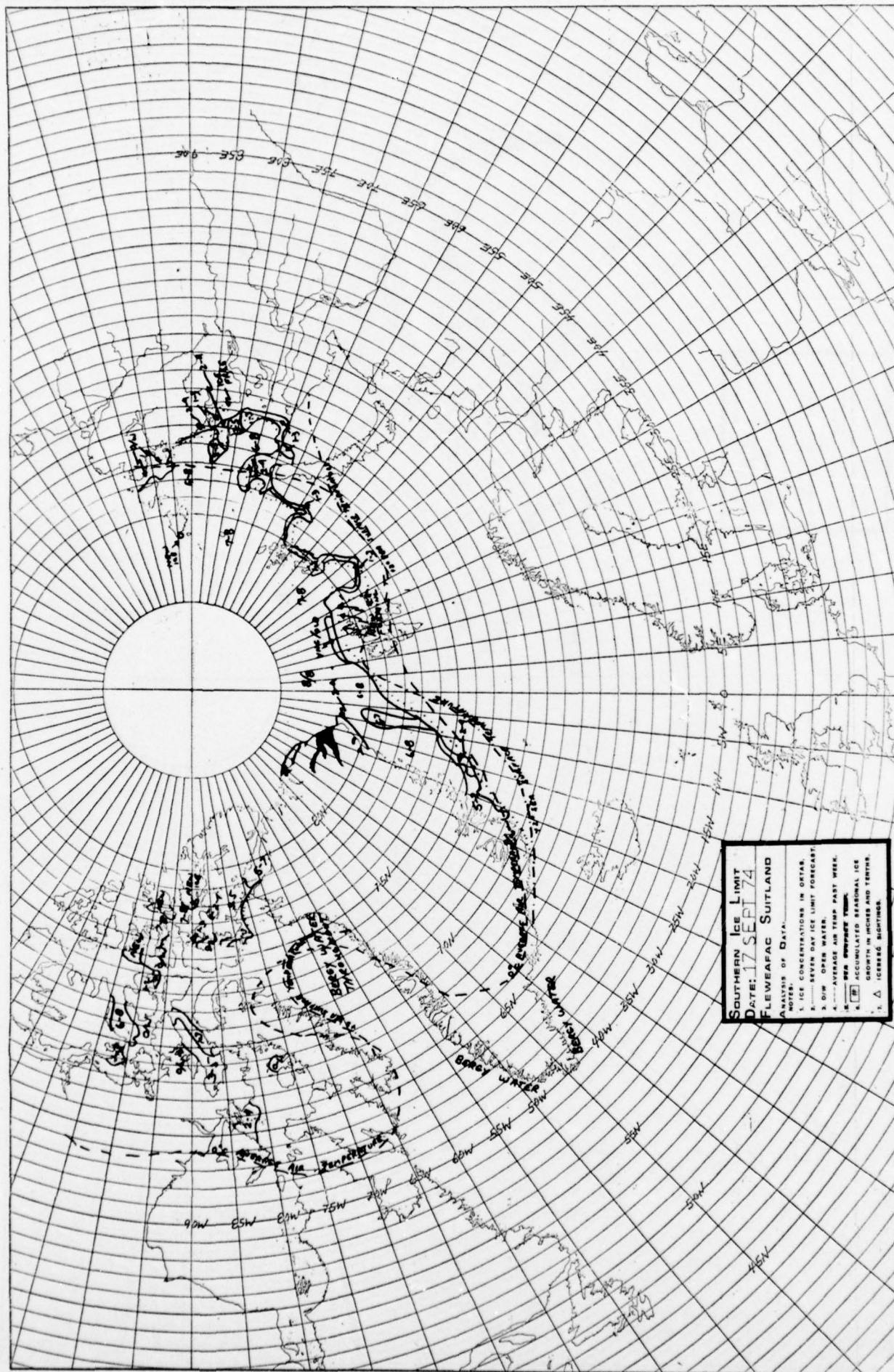


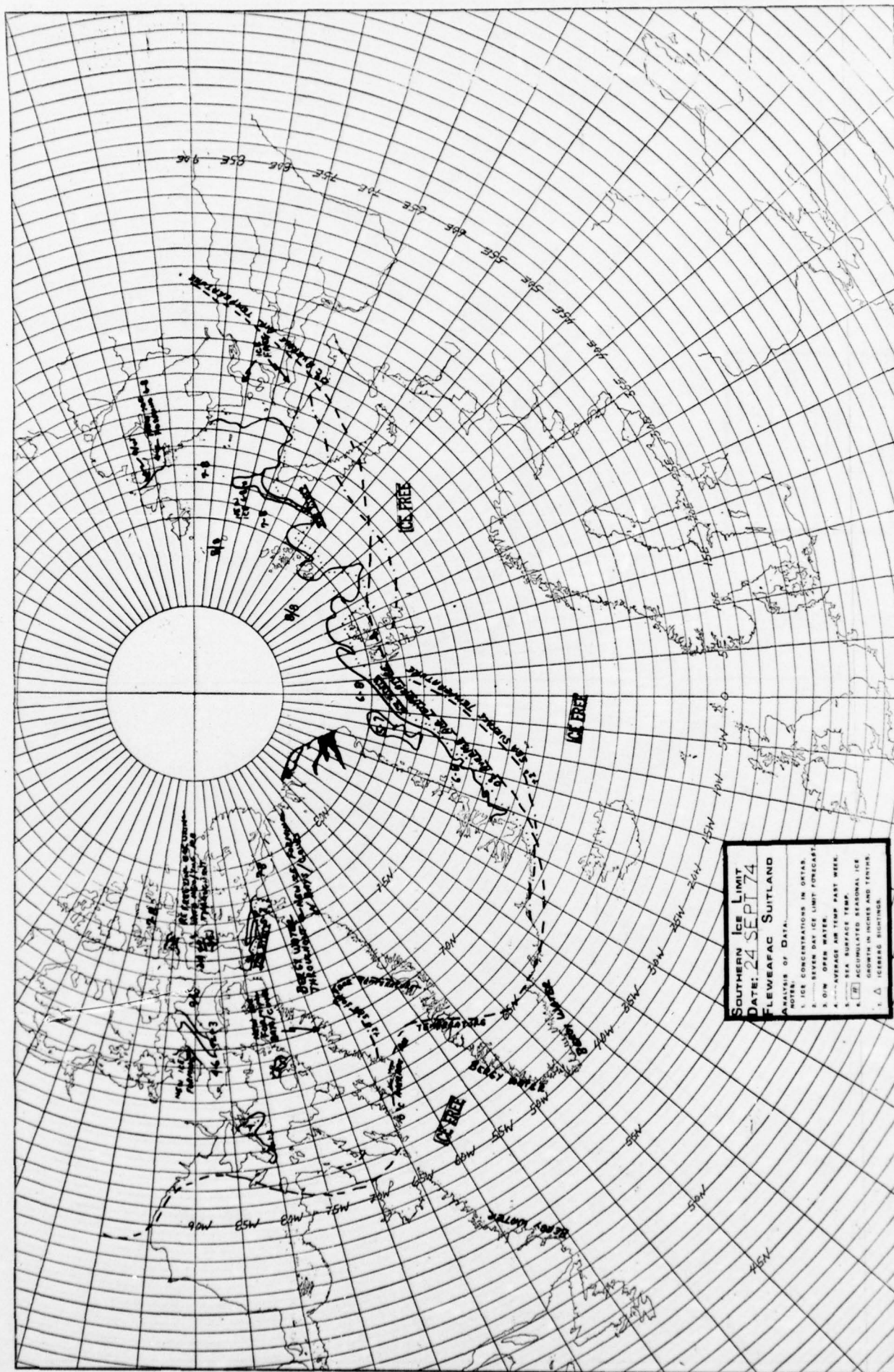






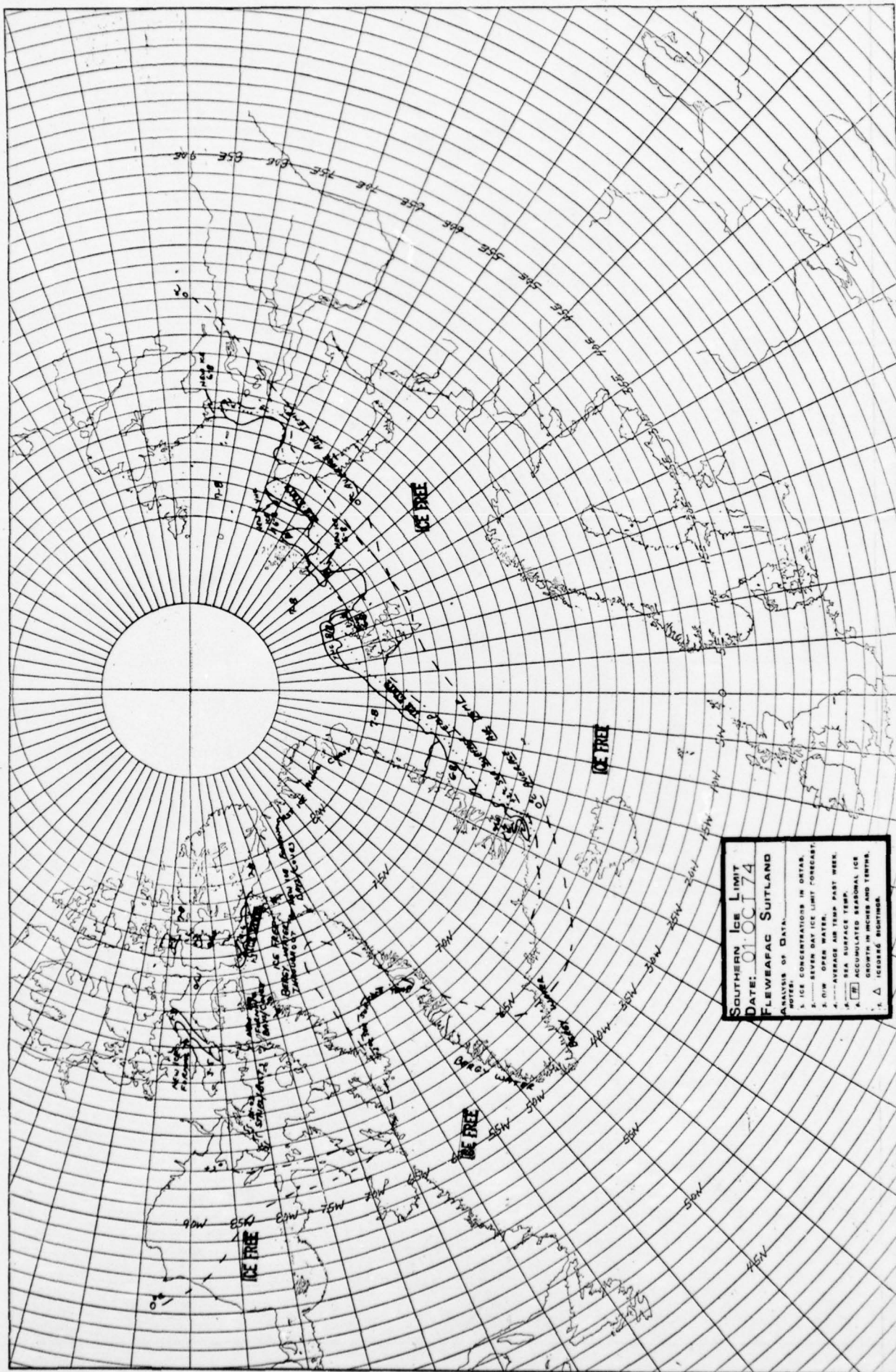


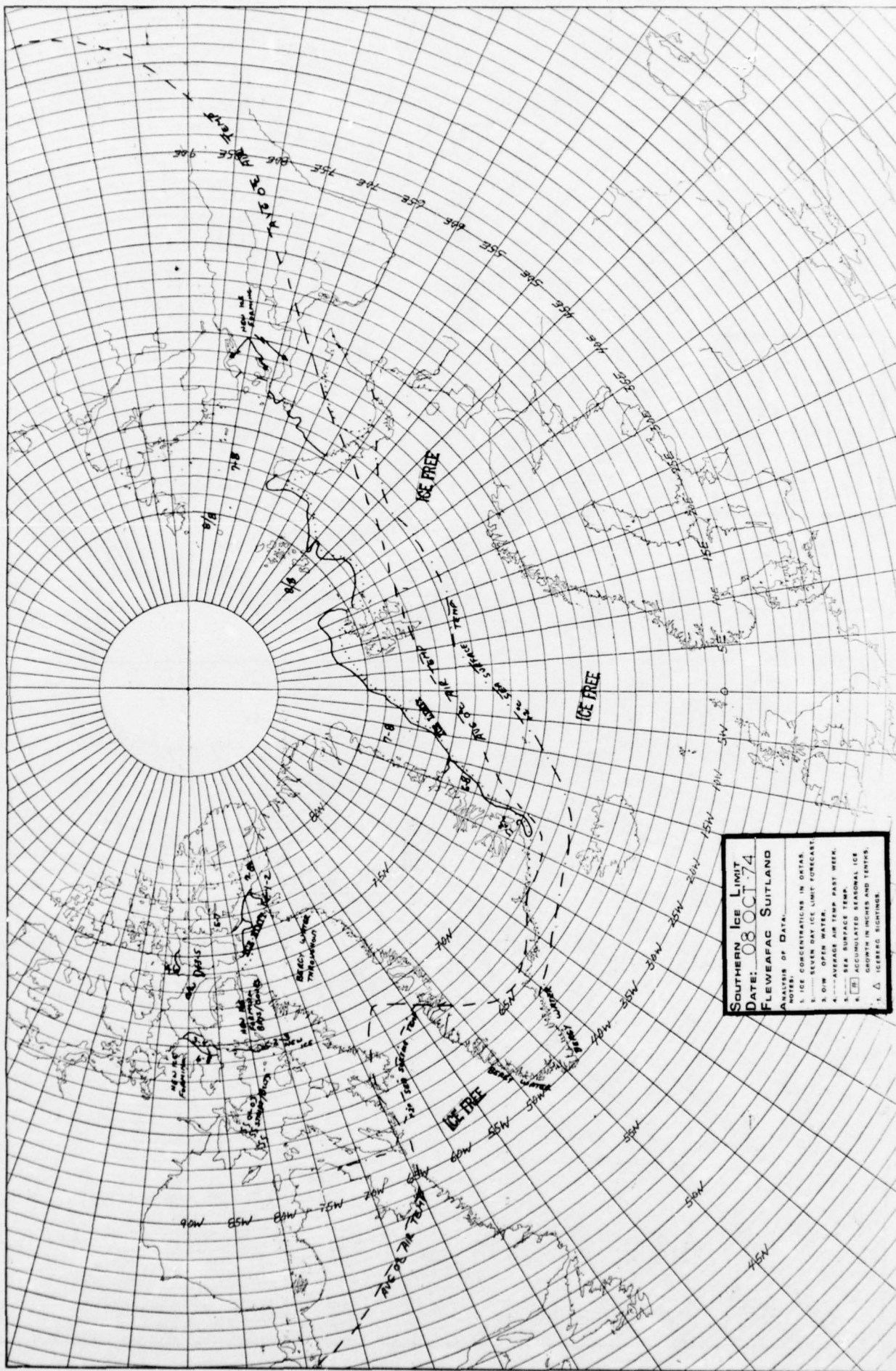


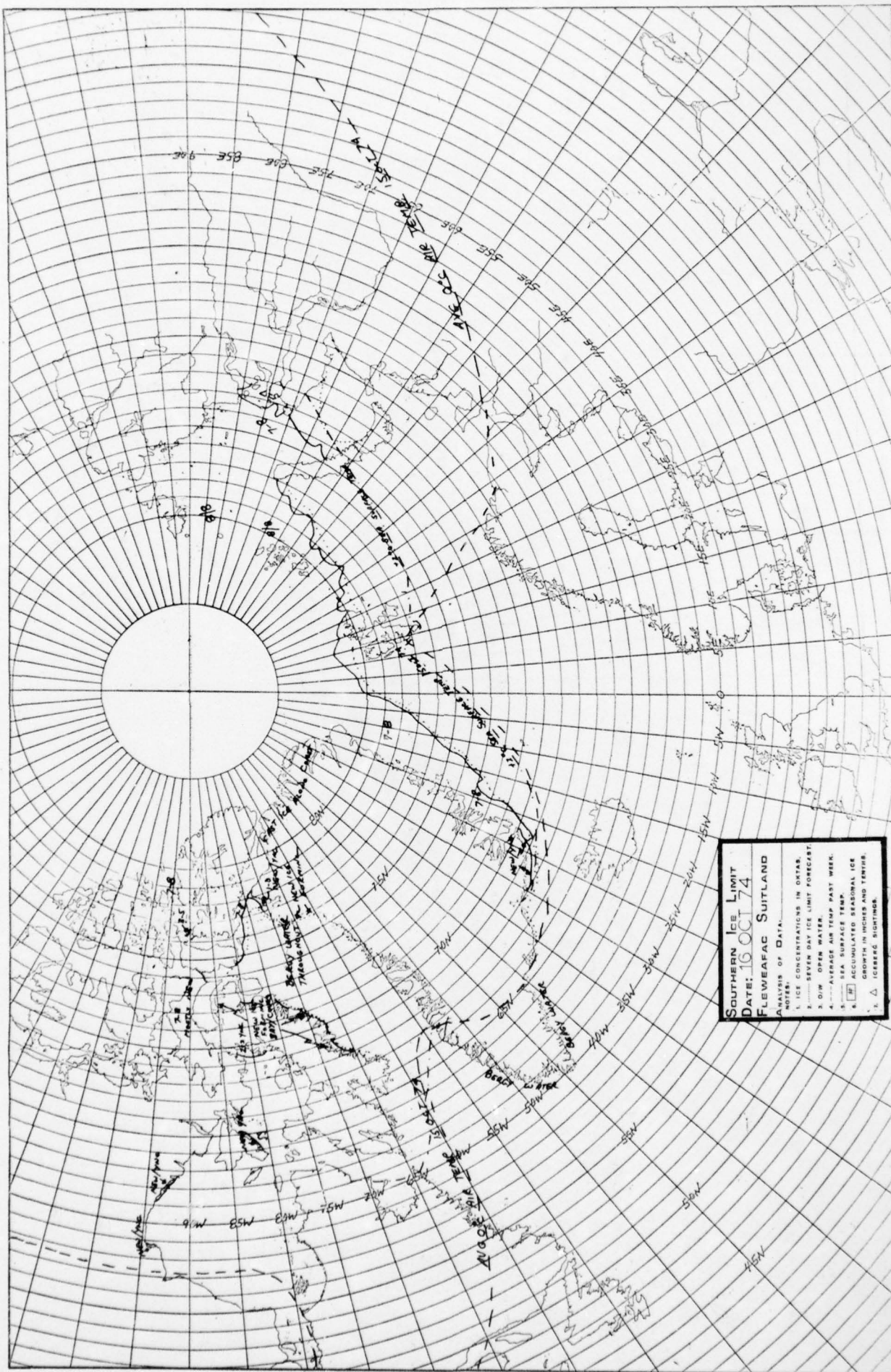


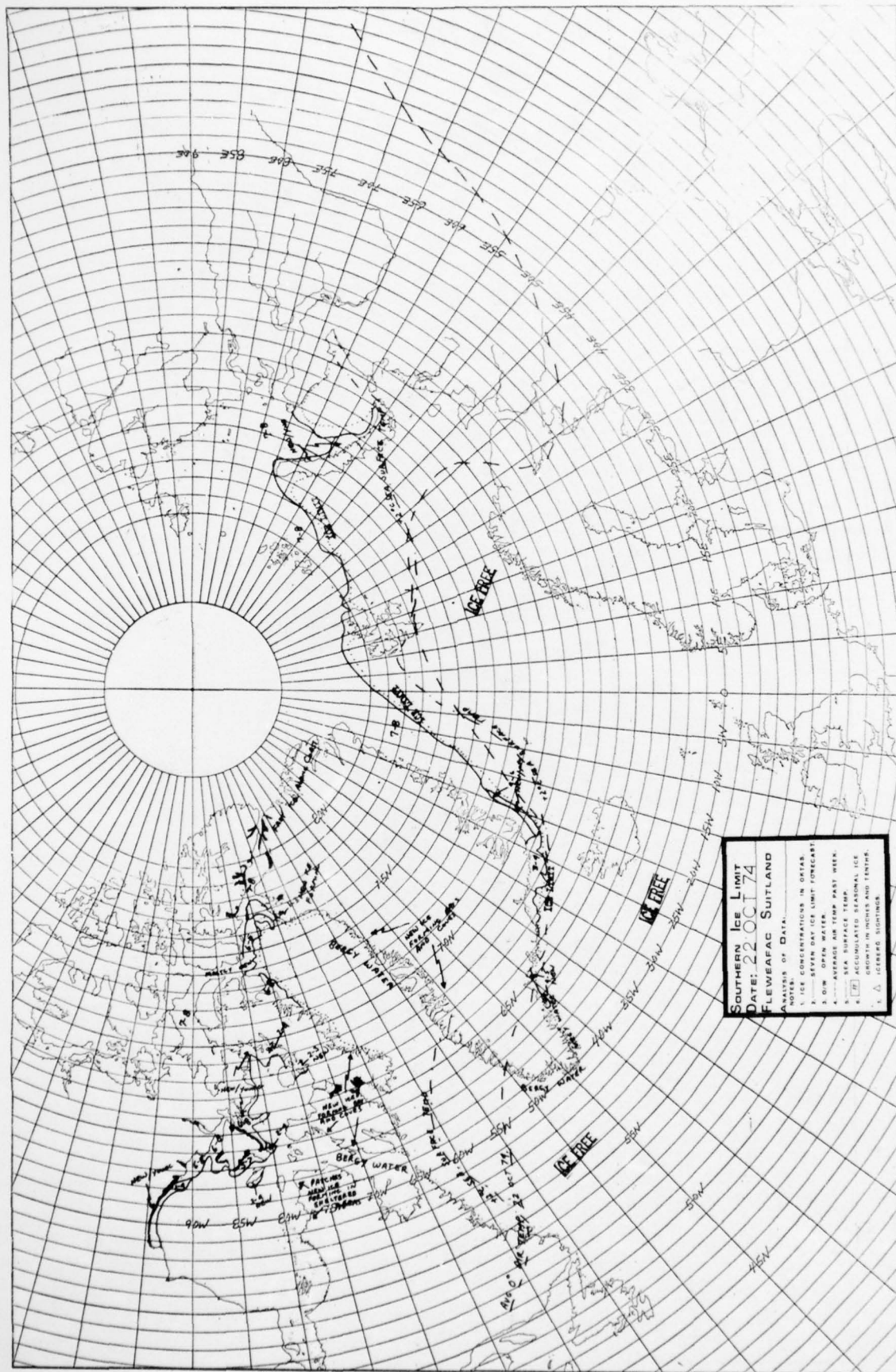
SOUTHERN ICE LIMIT
DATE: 24 SEPT 74
FLEWEAFAC SUITLAND

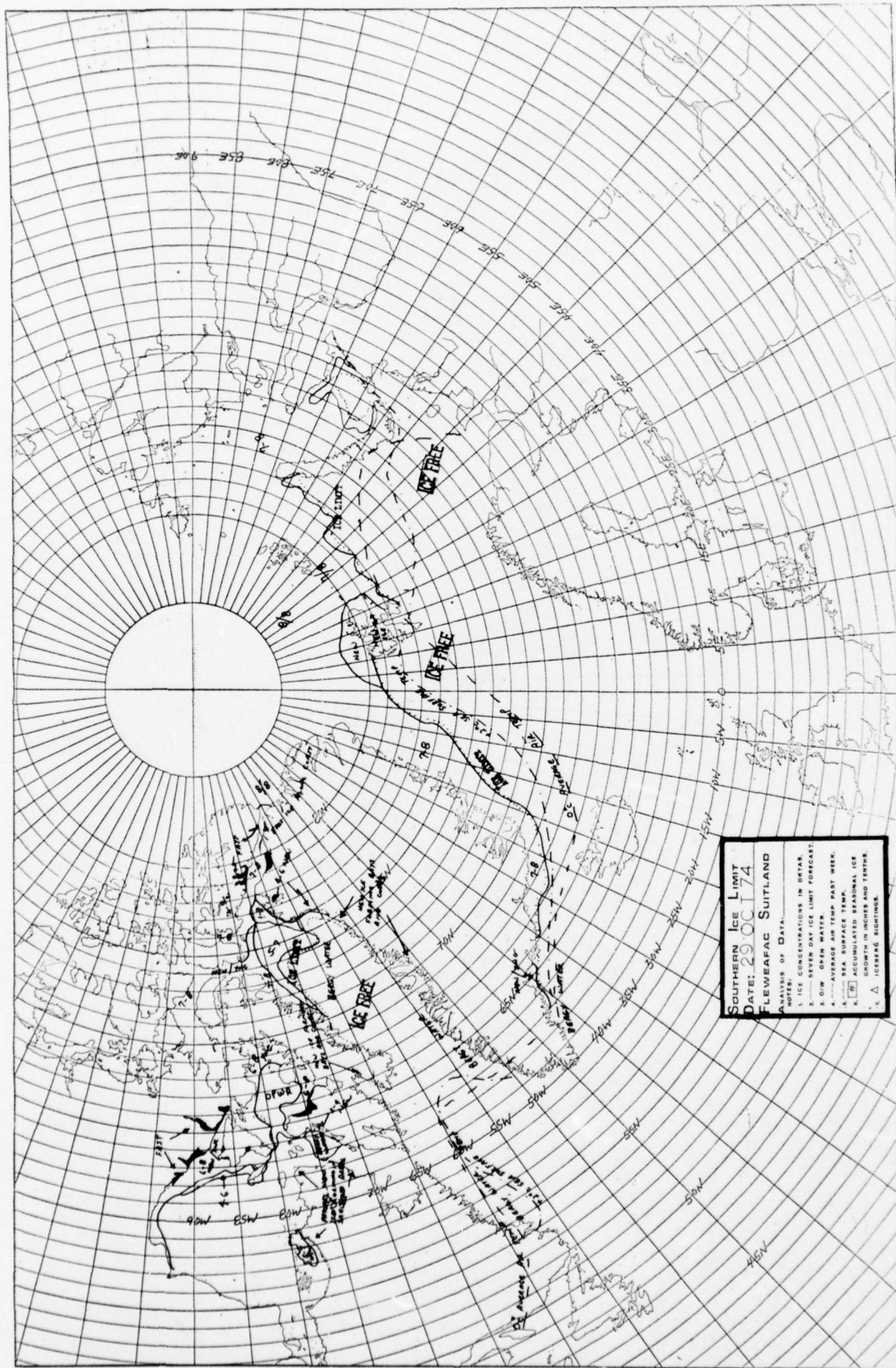
NOTES:
1. ICE CONCENTRATIONS IN DTTAS
2. SEVEN DAY ICE LIMIT FORECAST
3. OPEN WATER
4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP
6. ACCUMULATED PRECIPITATION
7. ICEBERG SIGHTINGS

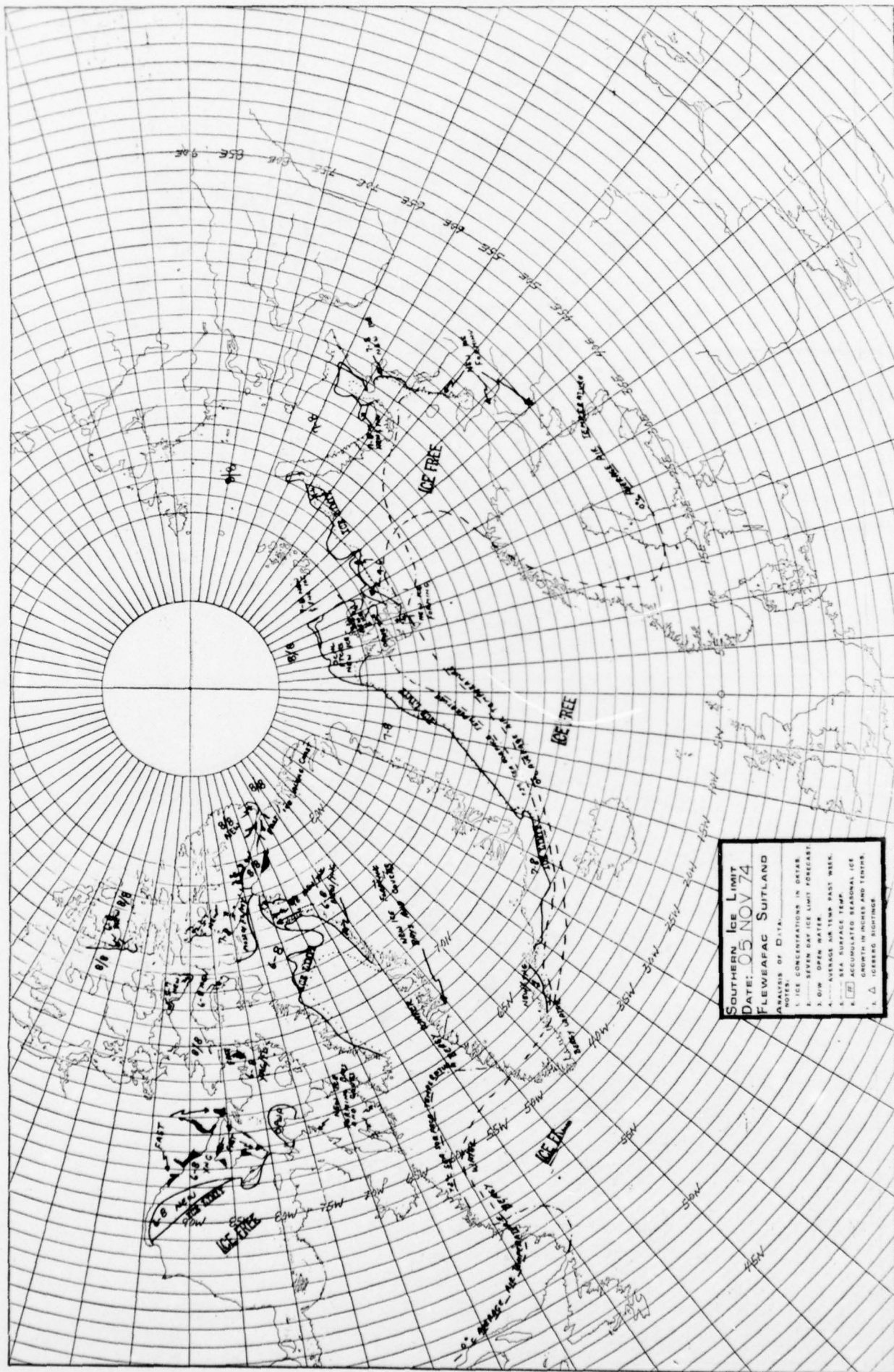


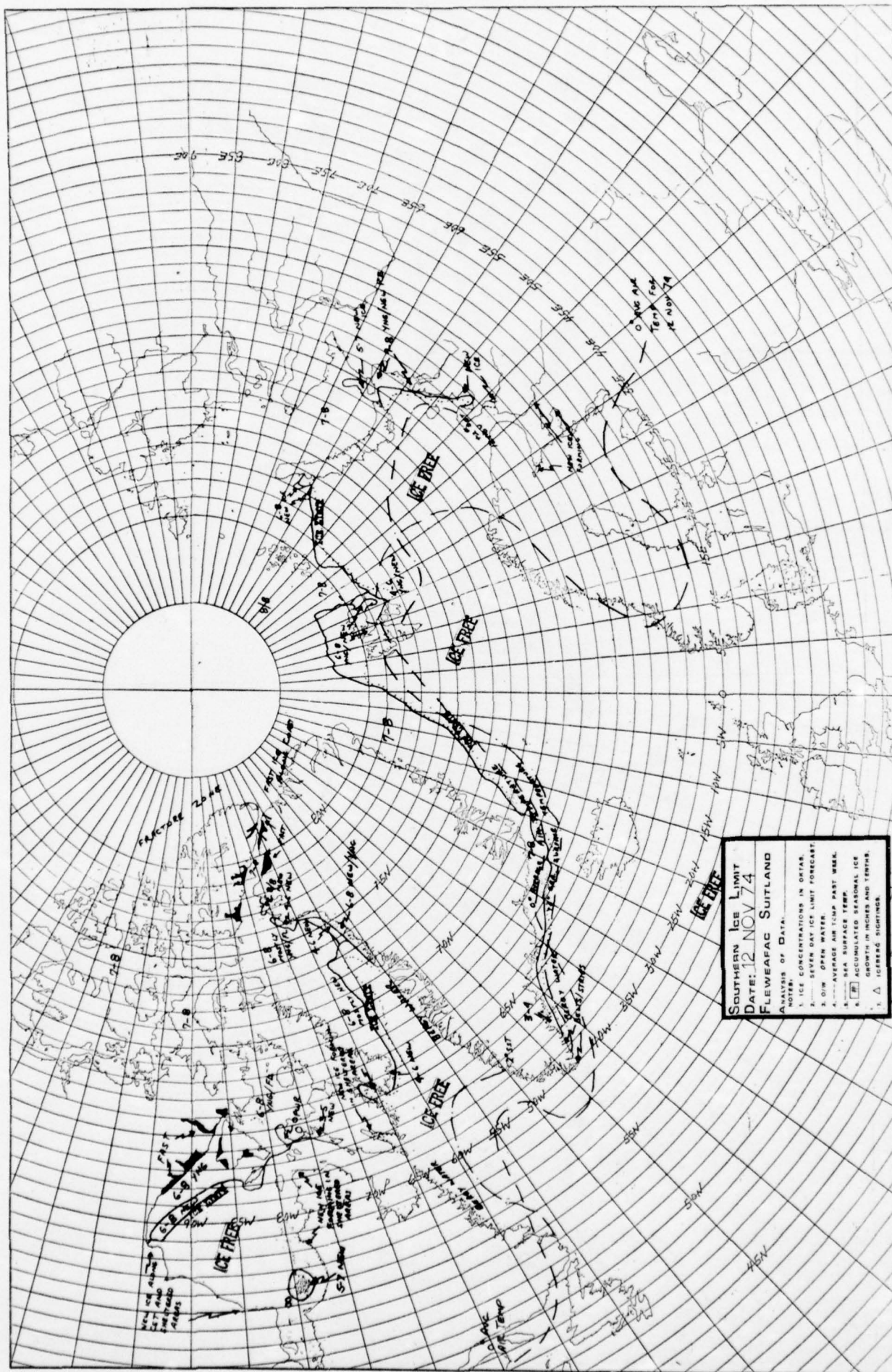


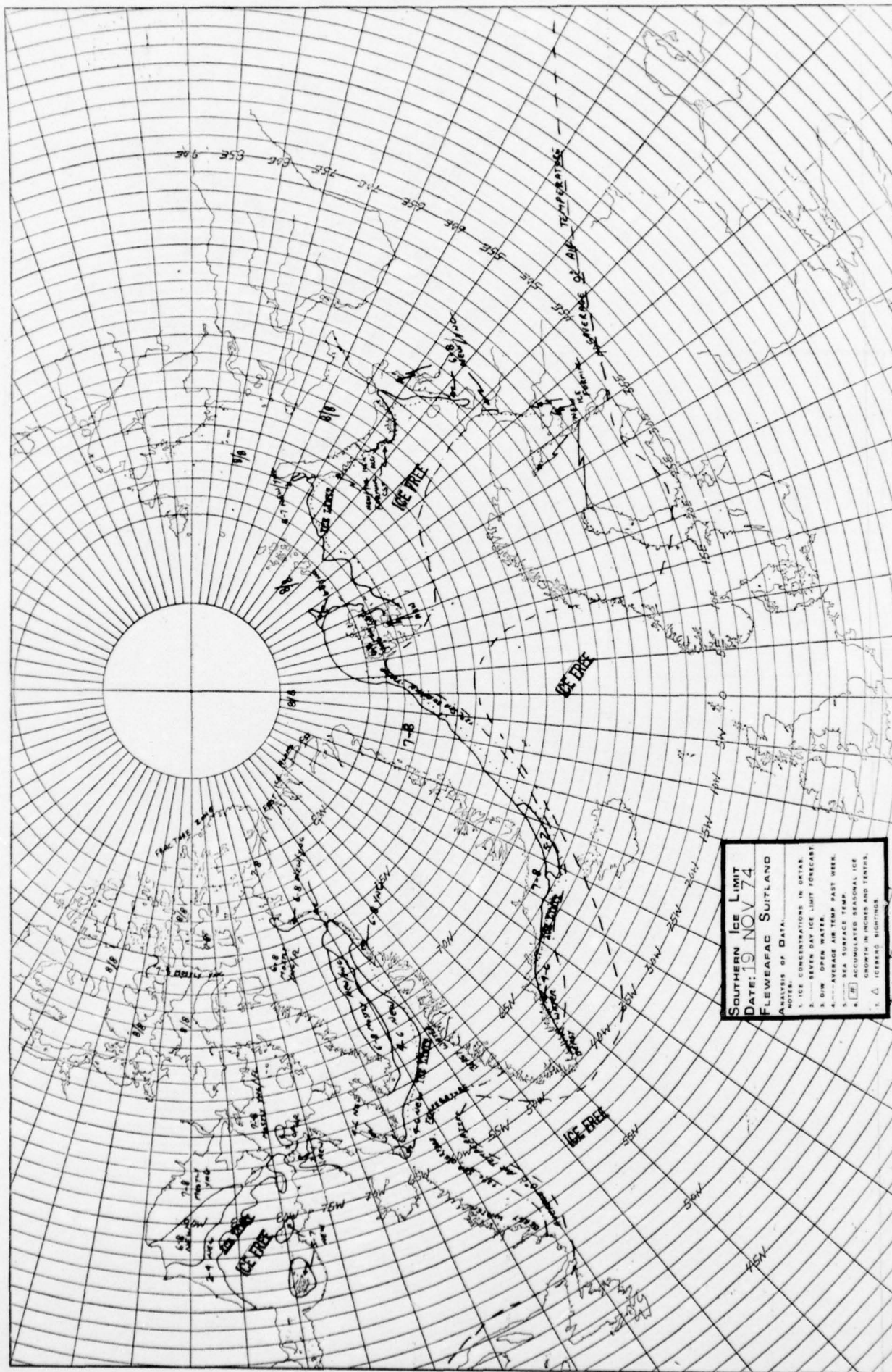


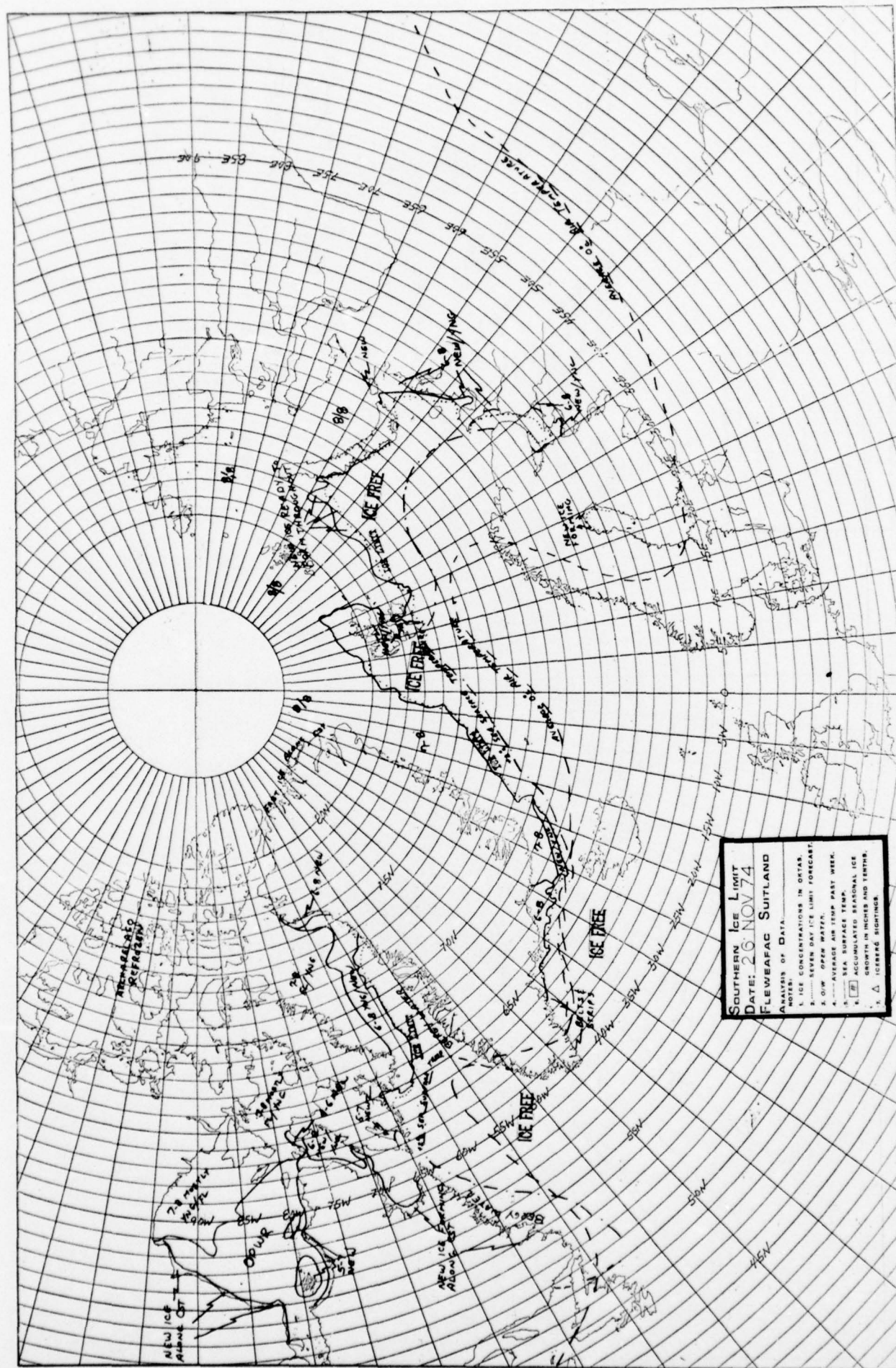


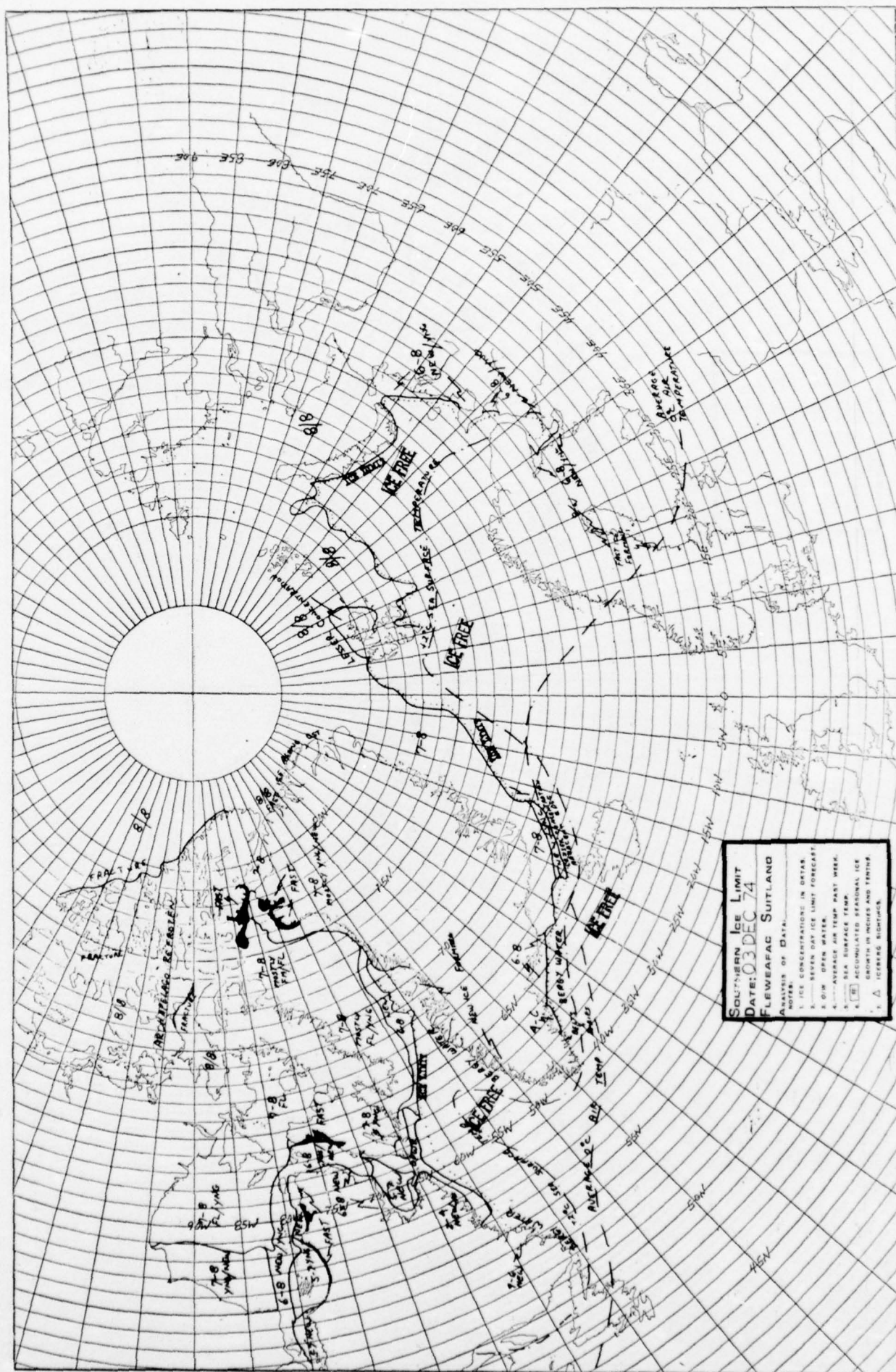


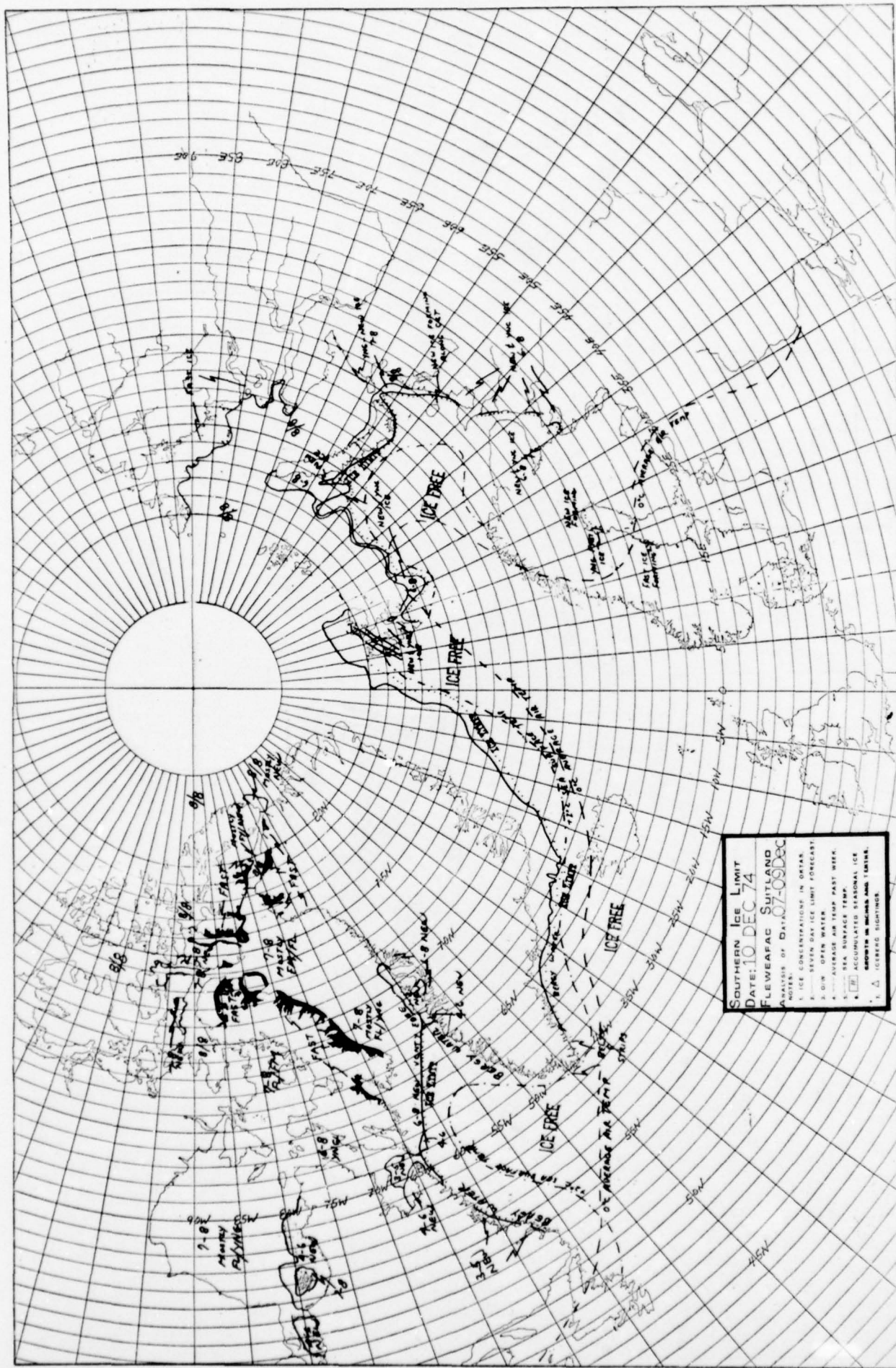


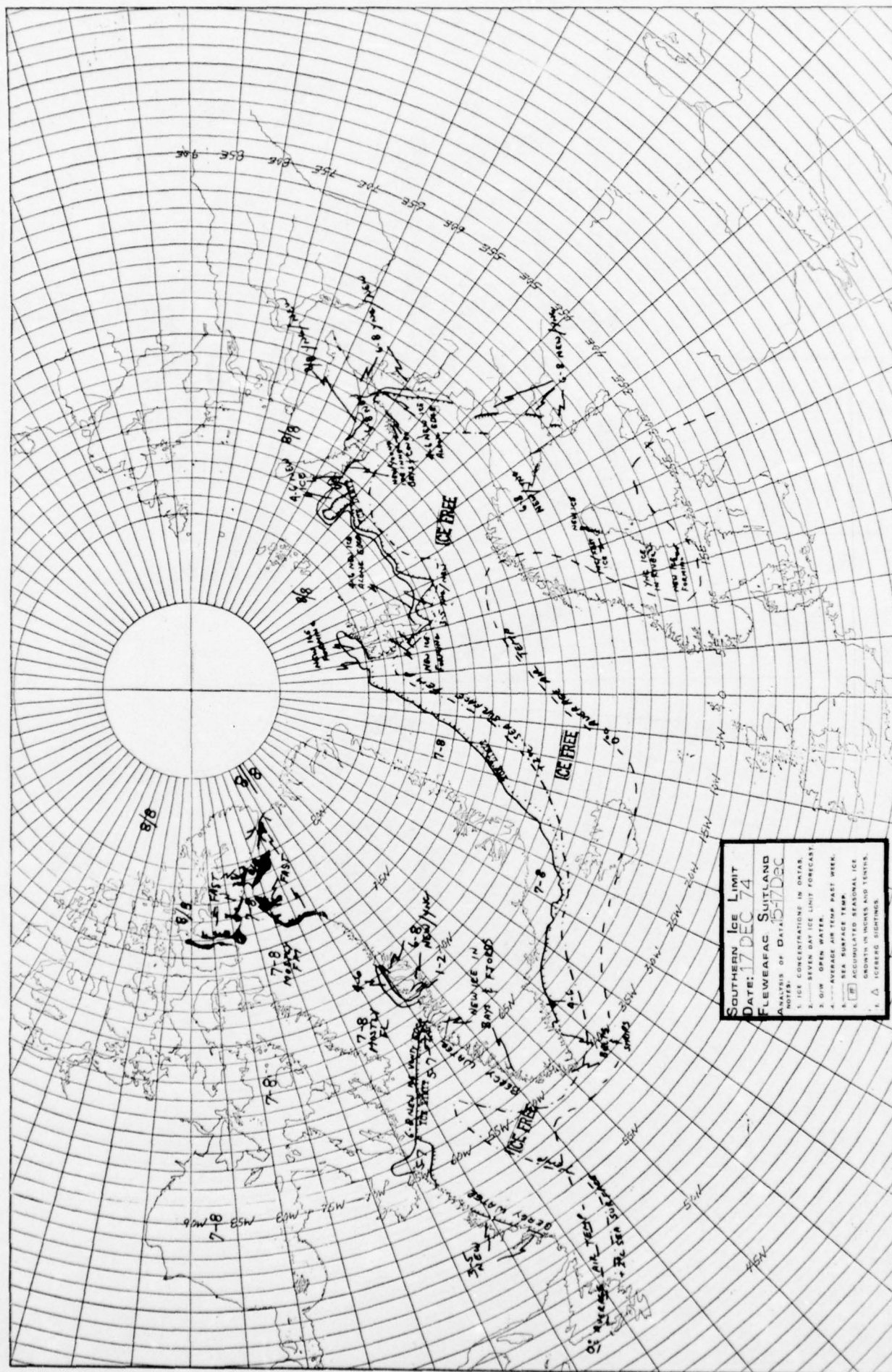


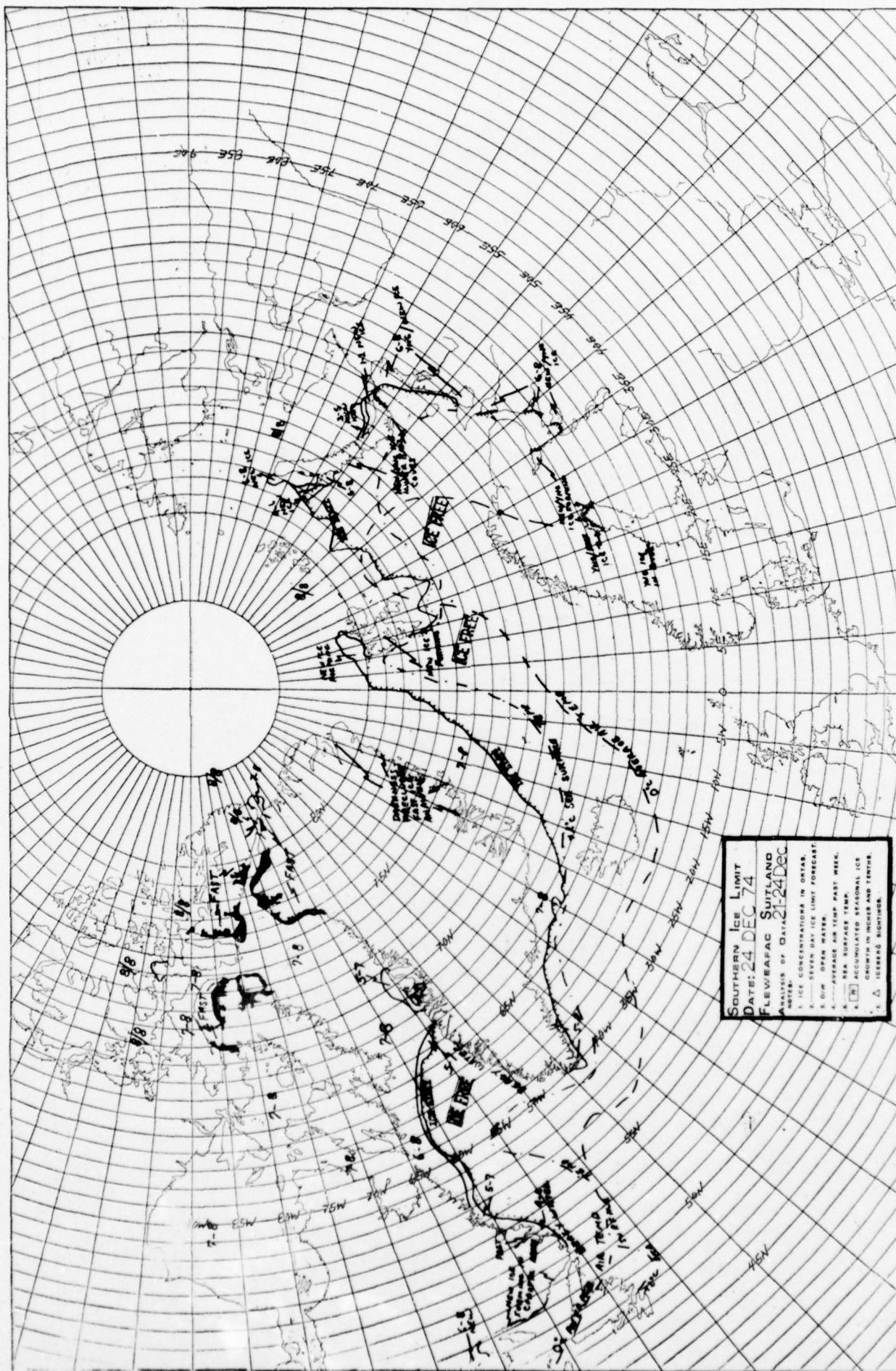


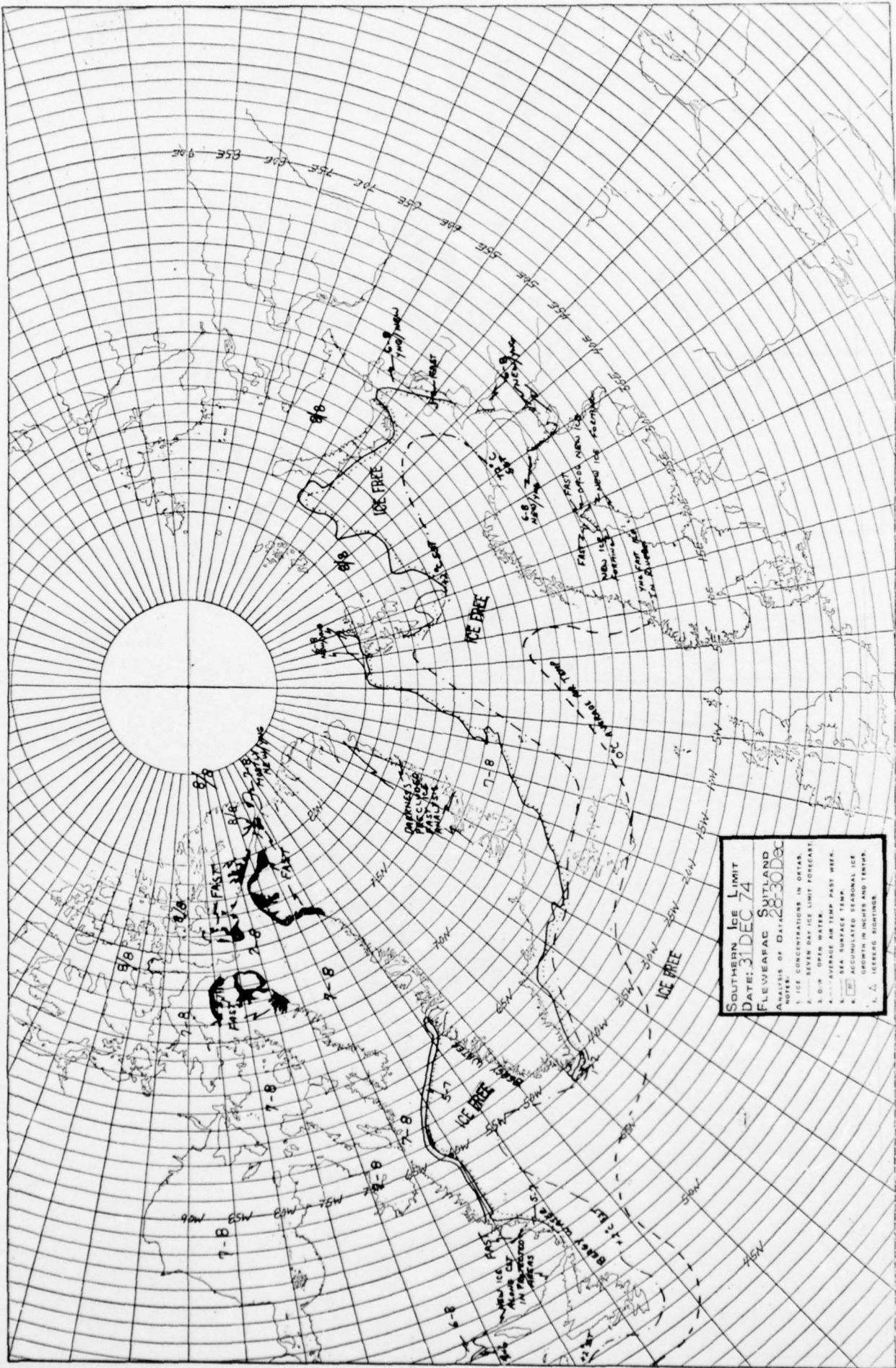


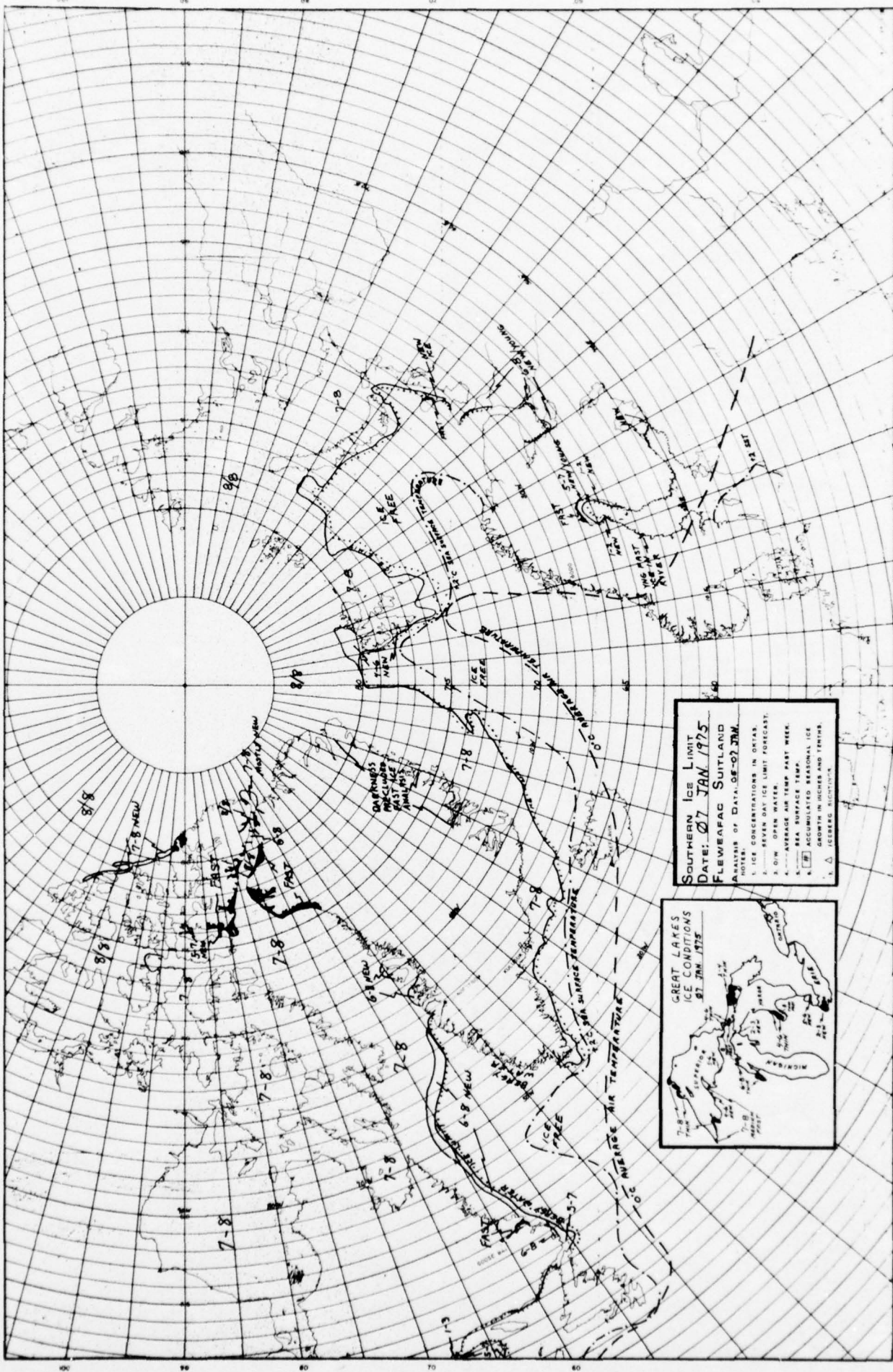








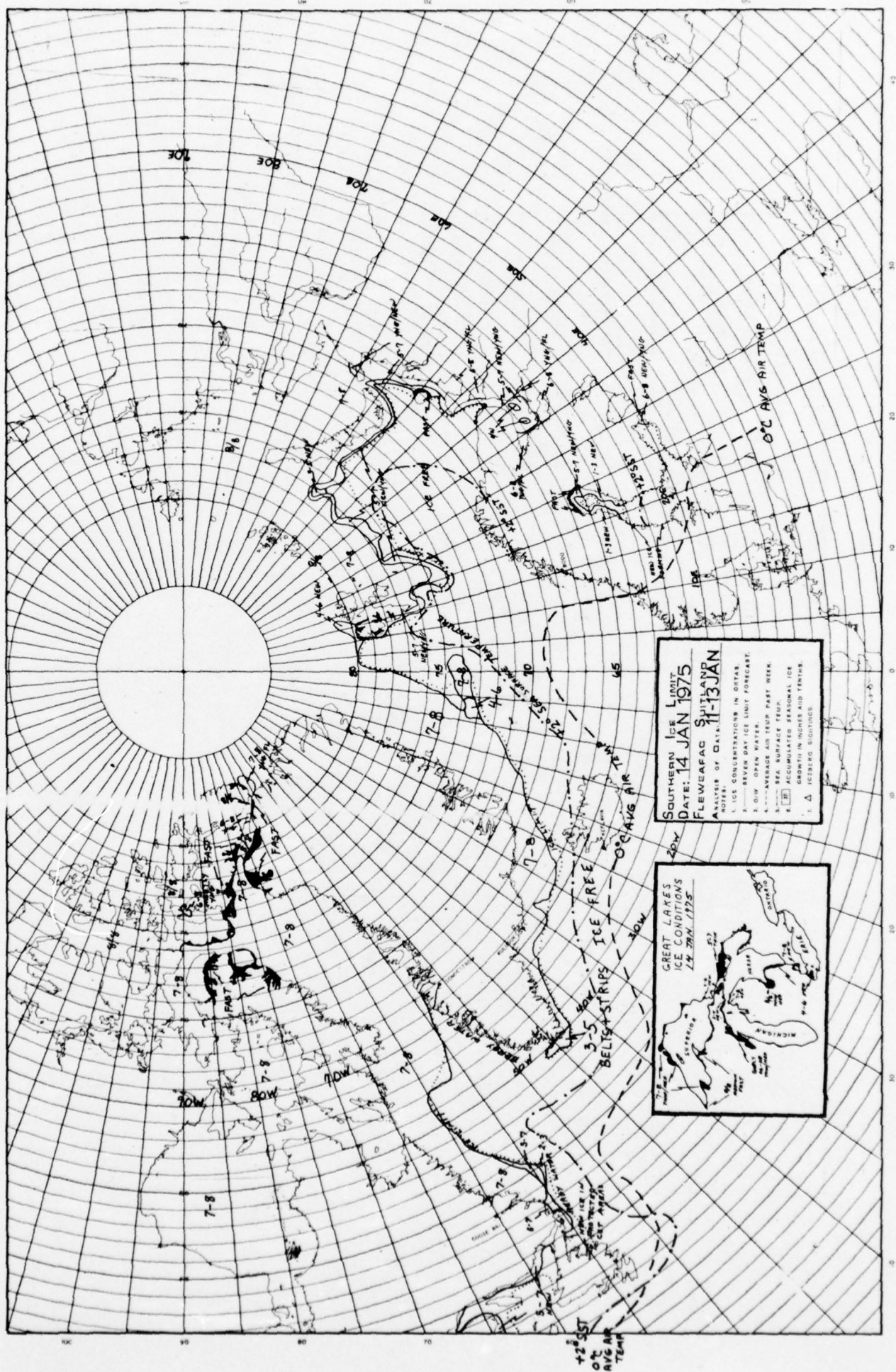


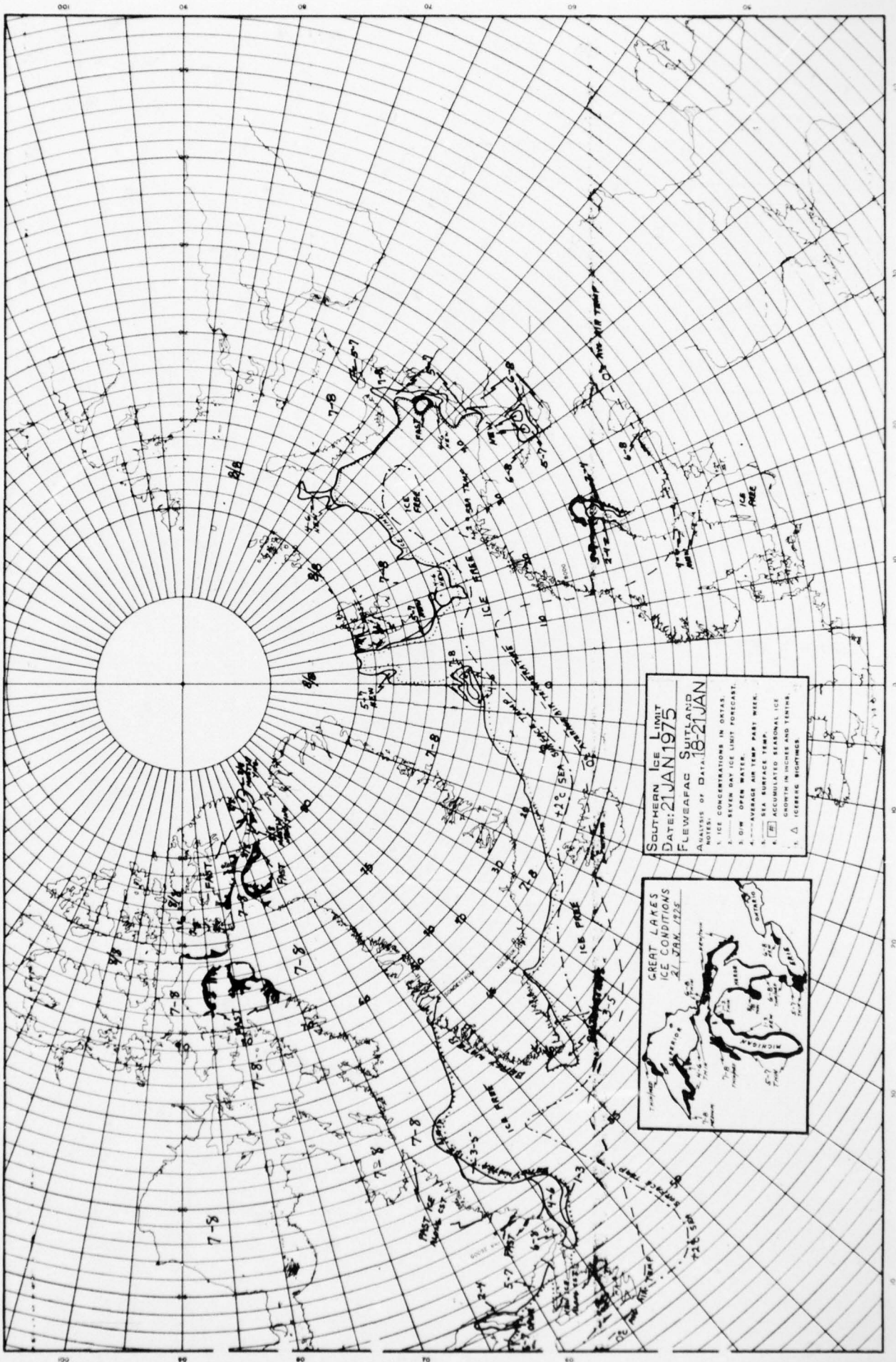


Southern Ice Limit
DATE: 07 JAN 1975
FLEWELAPAC SUTLAND
ANALYSIS OF DATA: 05-07 JAN 1975

1. ICE CONCENTRATIONS IN OZON
 2. DASHED LINE: SEVEN DAY ICE LIMIT FORECAST
 3. DASHED LINE: OPEN WATER
 4. DASHED LINE: AVERAGE AIR TEMP PAST WEEK
 5. DASHED LINE: SEA SURFACE TEMP
 6. DASHED LINE: ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
 7. X: ICEBERG LOCATION



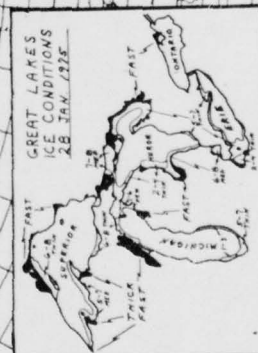
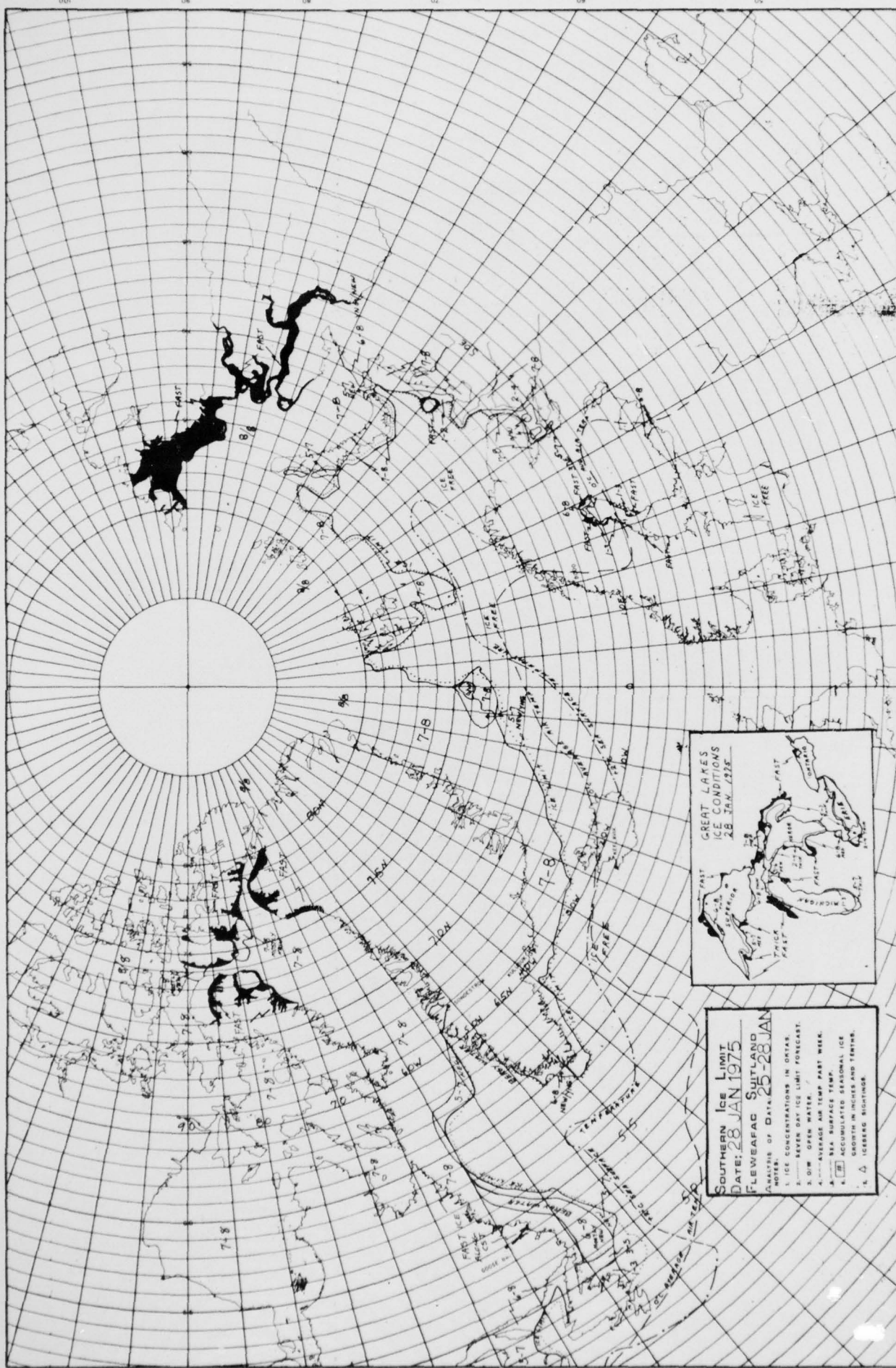




SOUTHERN ICE LIMIT
DATE: 21 JAN 1975
FLEWEAFAC SUTLAND
ANALYSIS OF DATA 18-21 JAN

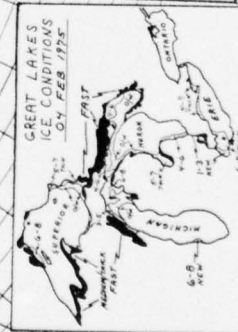
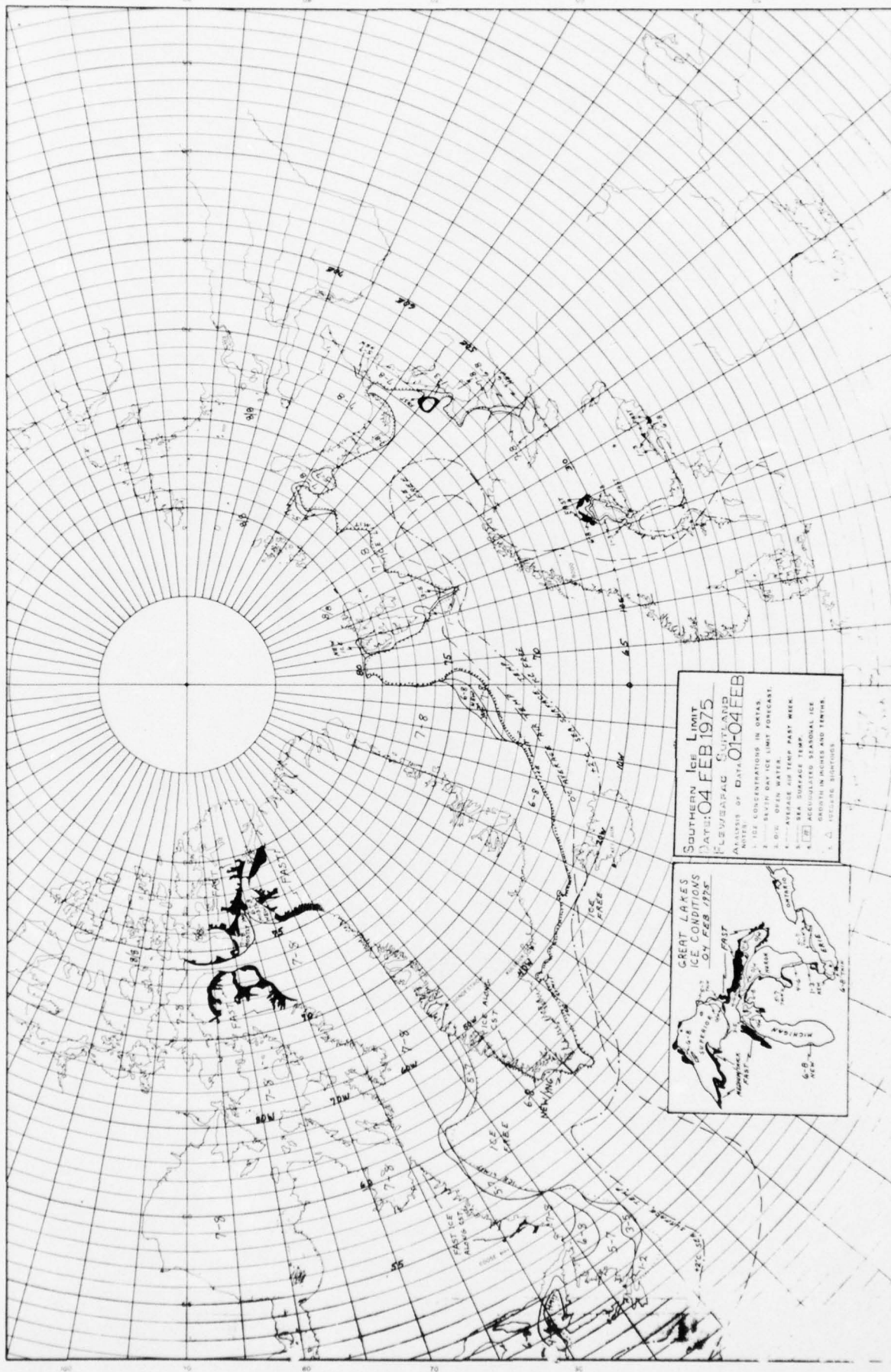
1. ICE CONCENTRATIONS IN DRYAS
 2. SEVEN DAY ICE LIMIT FORECAST
 3. DIM OPEN WATER
 4. AVERAGE AIR TEMP W/IN
 5. SEA SURFACE TEMP
 6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
 7. ICEBREAK NIGHTMIGES

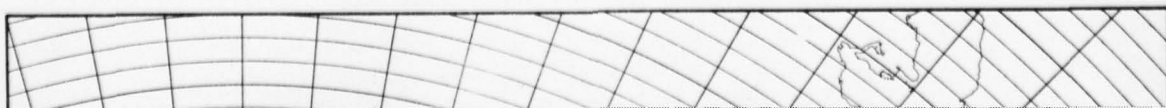
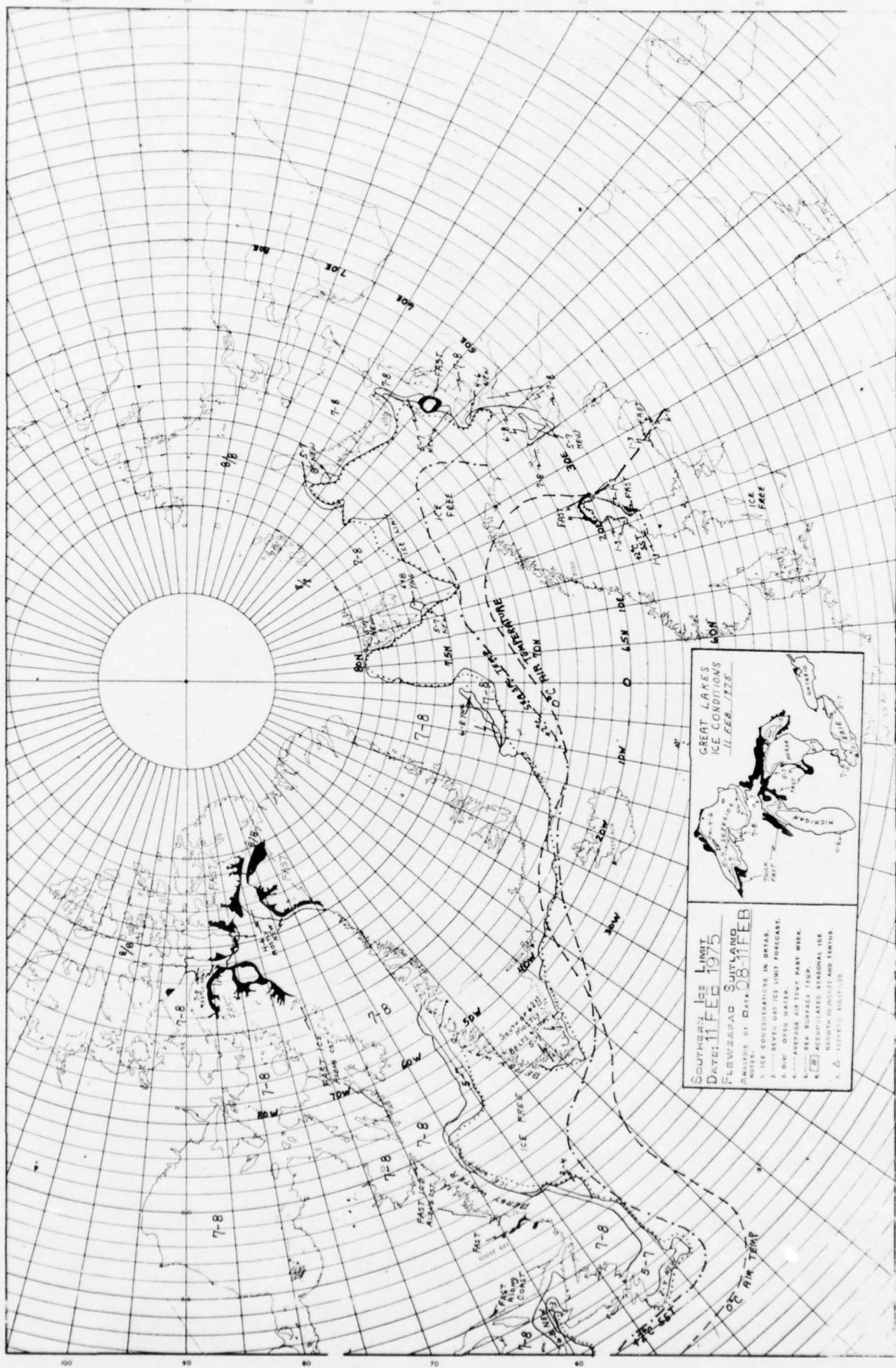


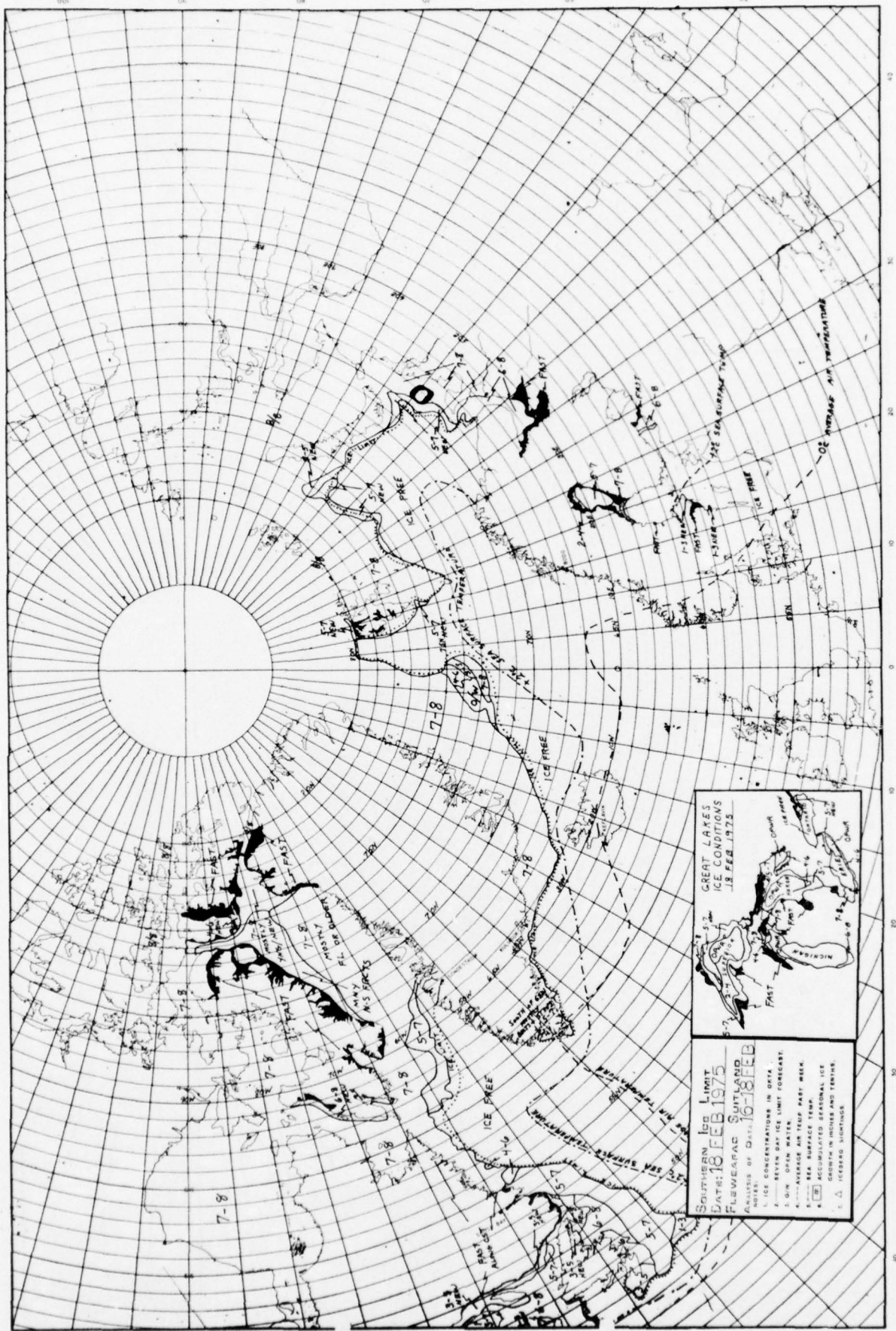


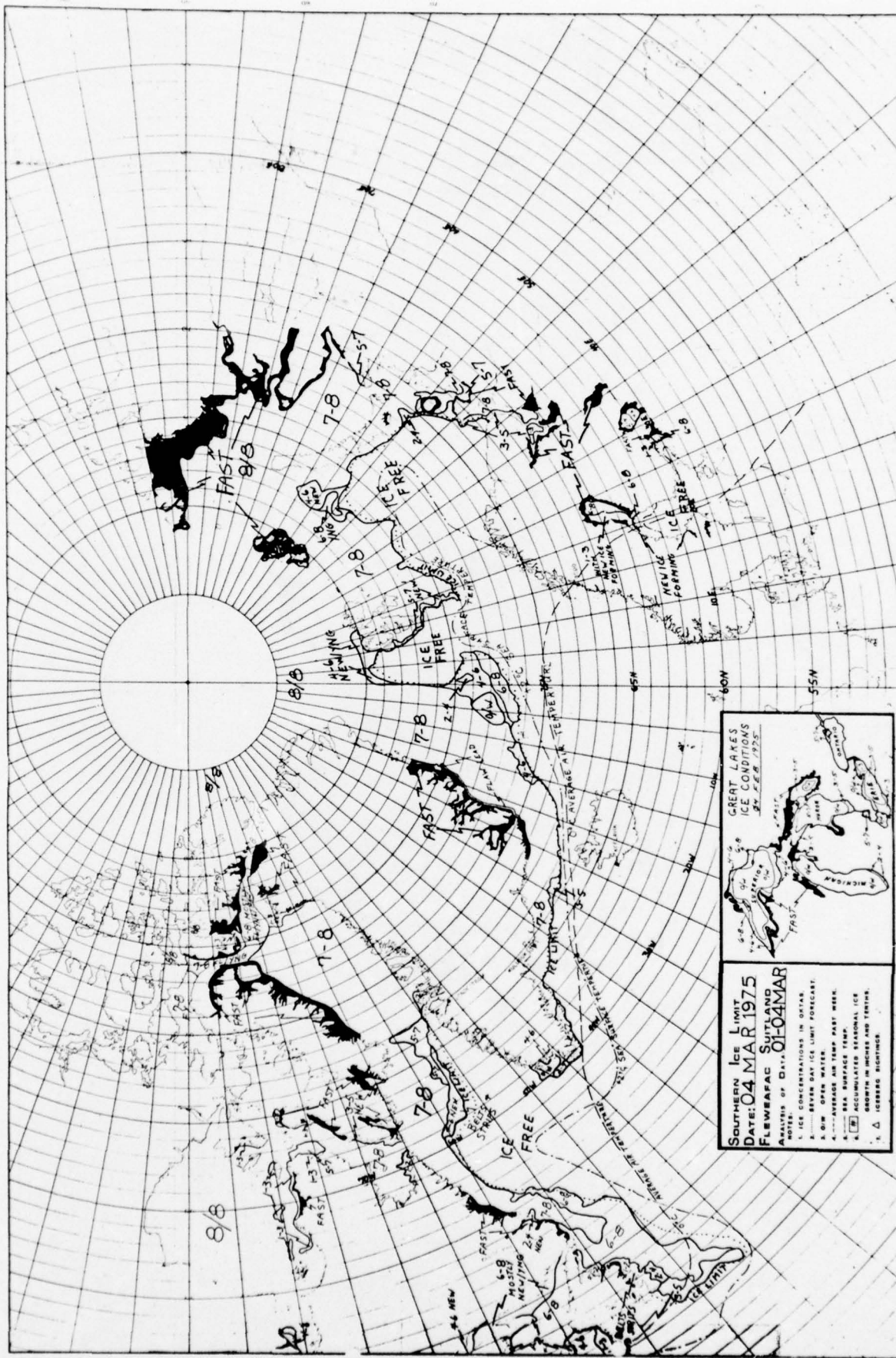
SOUTHERN ICE LIMIT
DATE: 28 JAN 1975
FLEWEAFAC SWITLAND
ANALYSIS OF DATA: 25-28 JAN

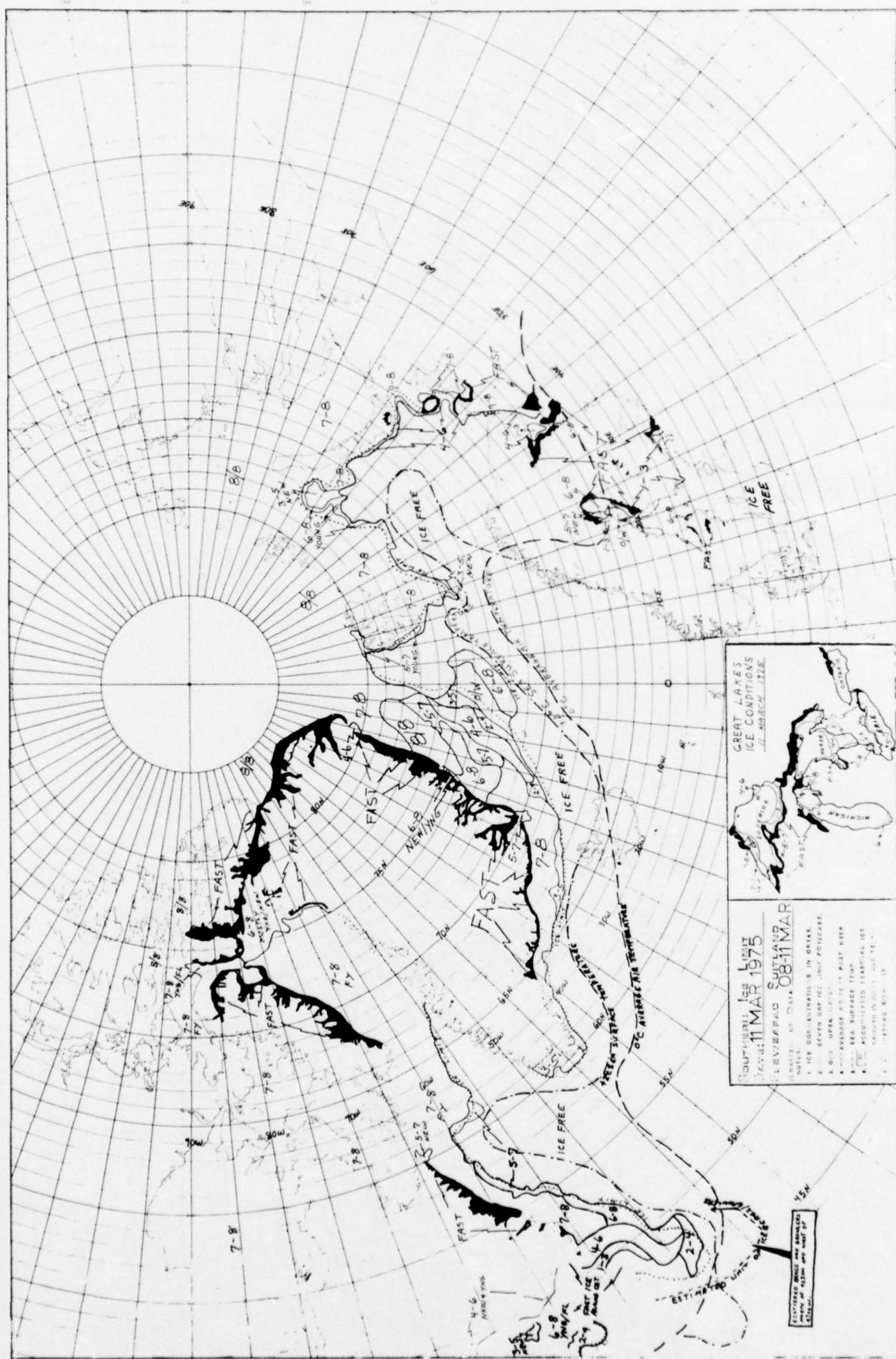
NOTES:
 1. ICE CONCENTRATIONS IN DOTS.
 2. SEVEN DAY ICE LIMIT FORECAST.
 3. DOW OPEN WATER.
 4. AVERAGE AIR TEMP PART WEEK.
 5. AVERAGE SURFACE TEMP.
 6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
 7. ICEBERG SIGHTINGS.

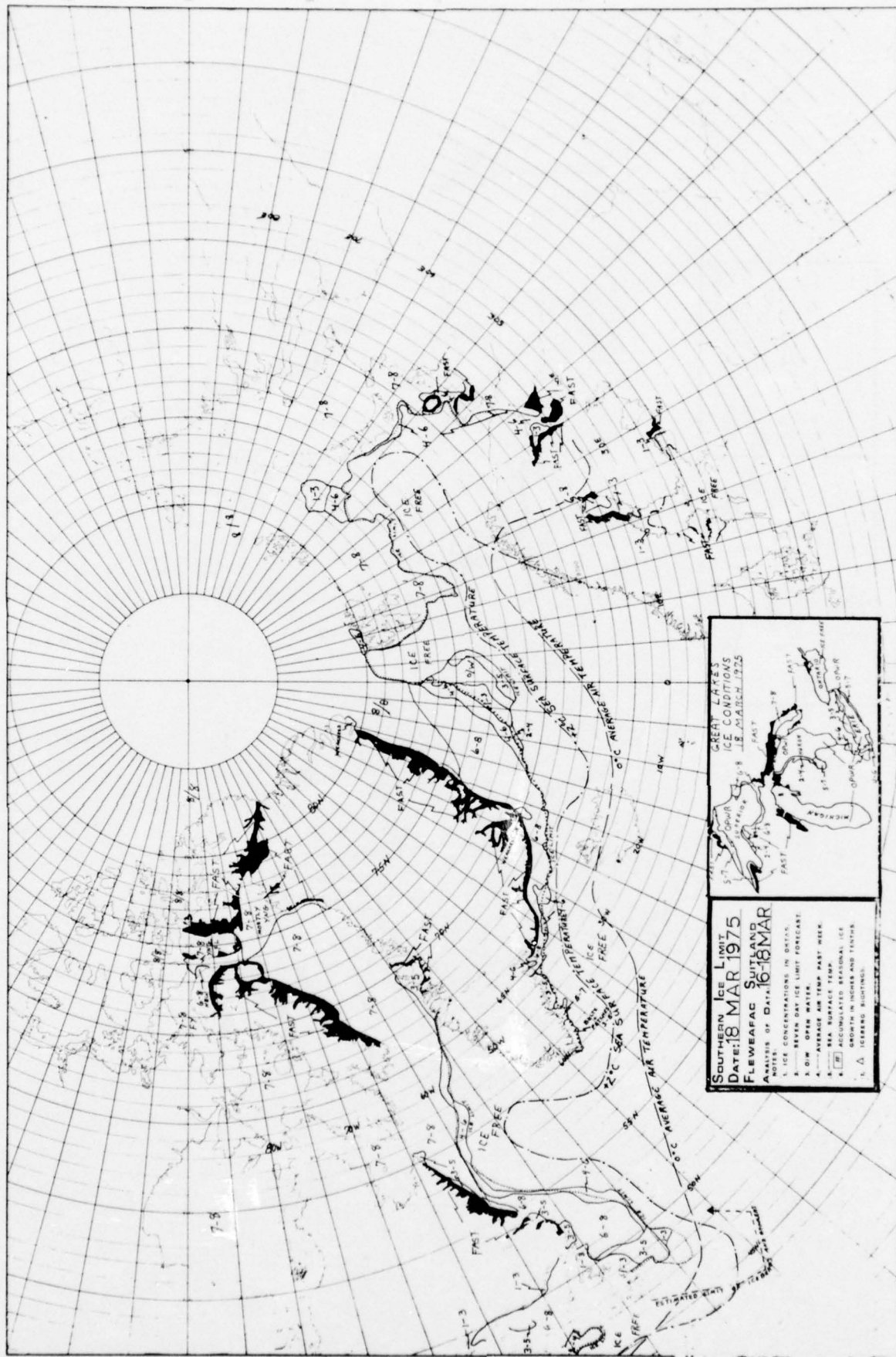










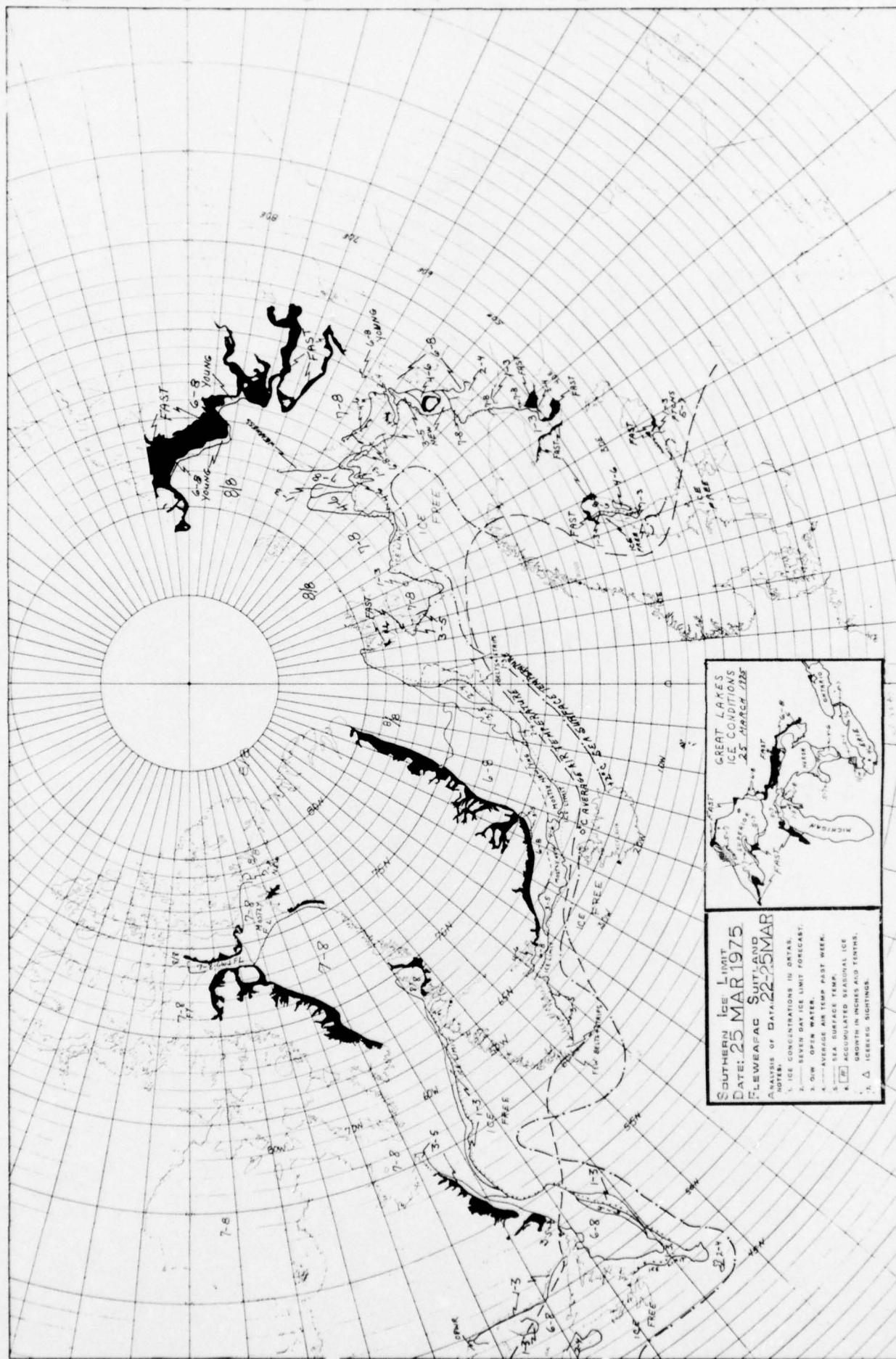


SOUTHERN ICE LIMIT
DATE: 18 MAR 1975
FLEWEAFAC SUTLAND
ANALYSIS OF DATA: 16-18 MAR

ICE CONDITIONS
 1. ICE CONCENTRATIONS IN DATA
 2. SEVEN DAY ICE LIMIT FORECAST
 3. DIM OPEN WATER
 4. AVERAGE AIR TEMP NEAR
 5. SEA SURFACE TEMP
 6. ACCUMULATED REGIONAL ICE
 7. ICEBERG SIGHTING

ICE LIMITS
 1. ICEBERG SIGHTING
 2. SEVEN DAY ICE LIMIT FORECAST
 3. DIM OPEN WATER
 4. AVERAGE AIR TEMP NEAR
 5. SEA SURFACE TEMP
 6. ACCUMULATED REGIONAL ICE
 7. ICEBERG SIGHTING

ICE CONDITIONS
 1. ICE CONCENTRATIONS IN DATA
 2. SEVEN DAY ICE LIMIT FORECAST
 3. DIM OPEN WATER
 4. AVERAGE AIR TEMP NEAR
 5. SEA SURFACE TEMP
 6. ACCUMULATED REGIONAL ICE
 7. ICEBERG SIGHTING

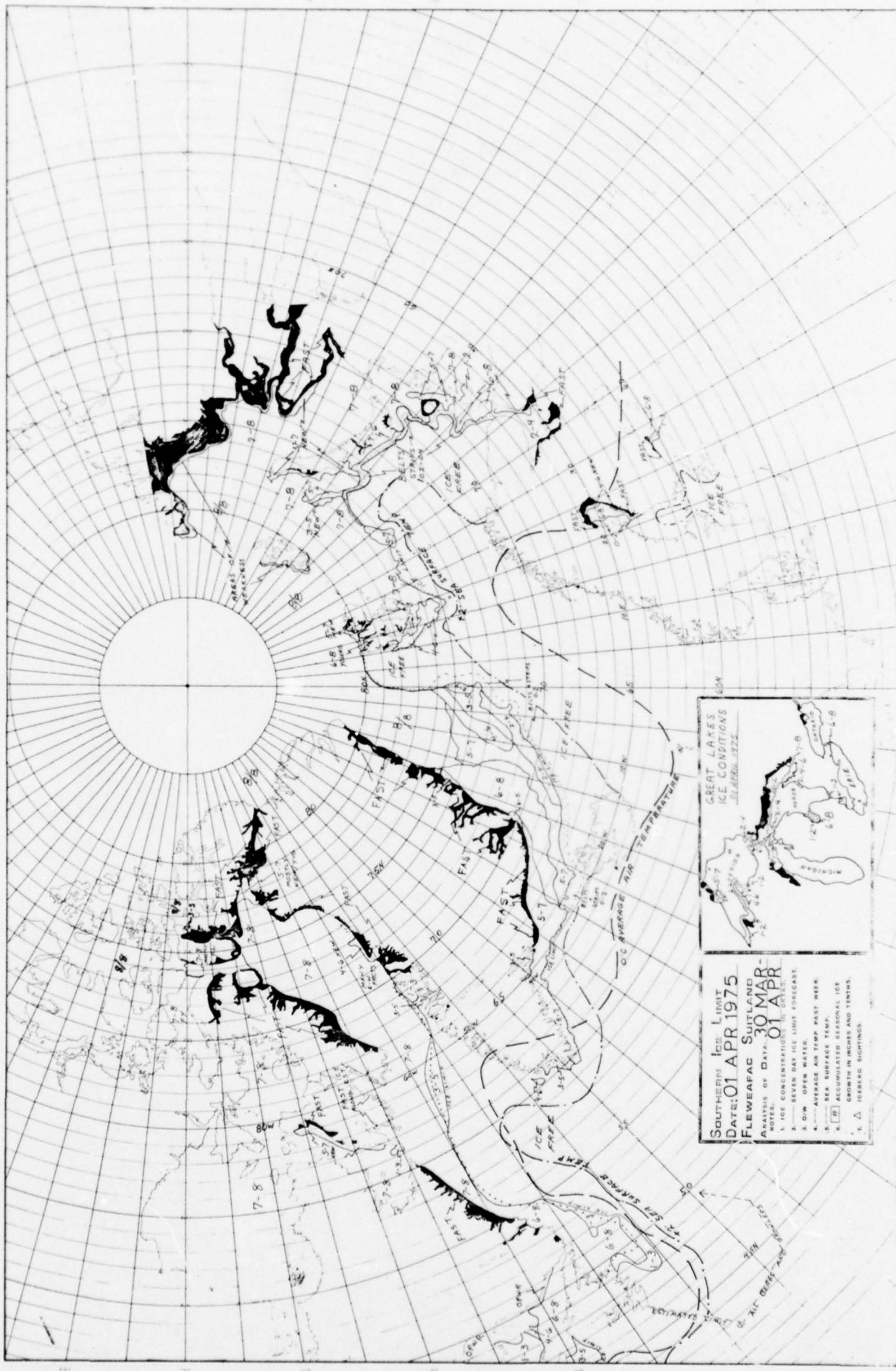


SOUTHERN ICE LIMIT
DATE: 25 MAR 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 22-25 MAR

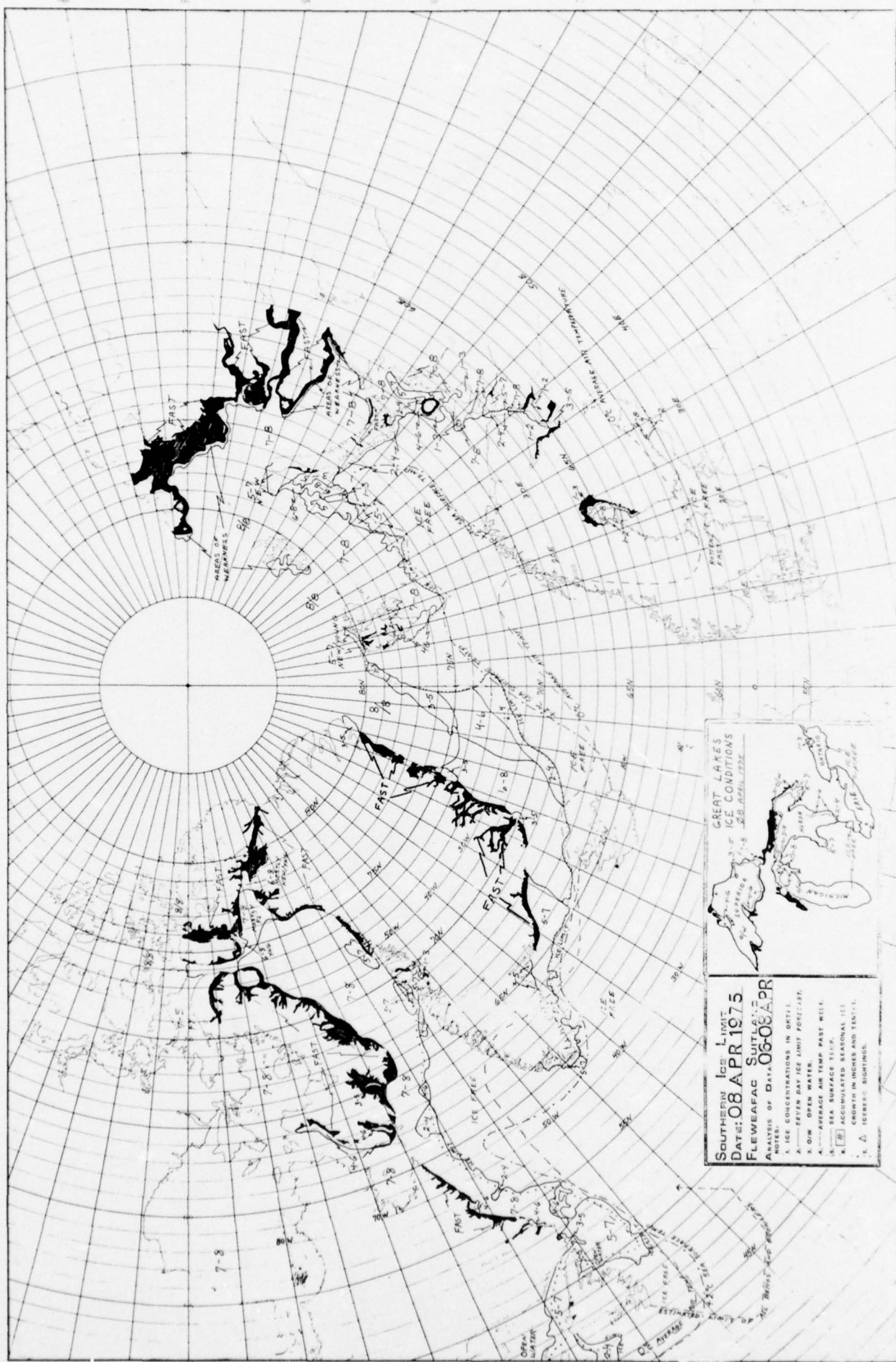
NOTES:

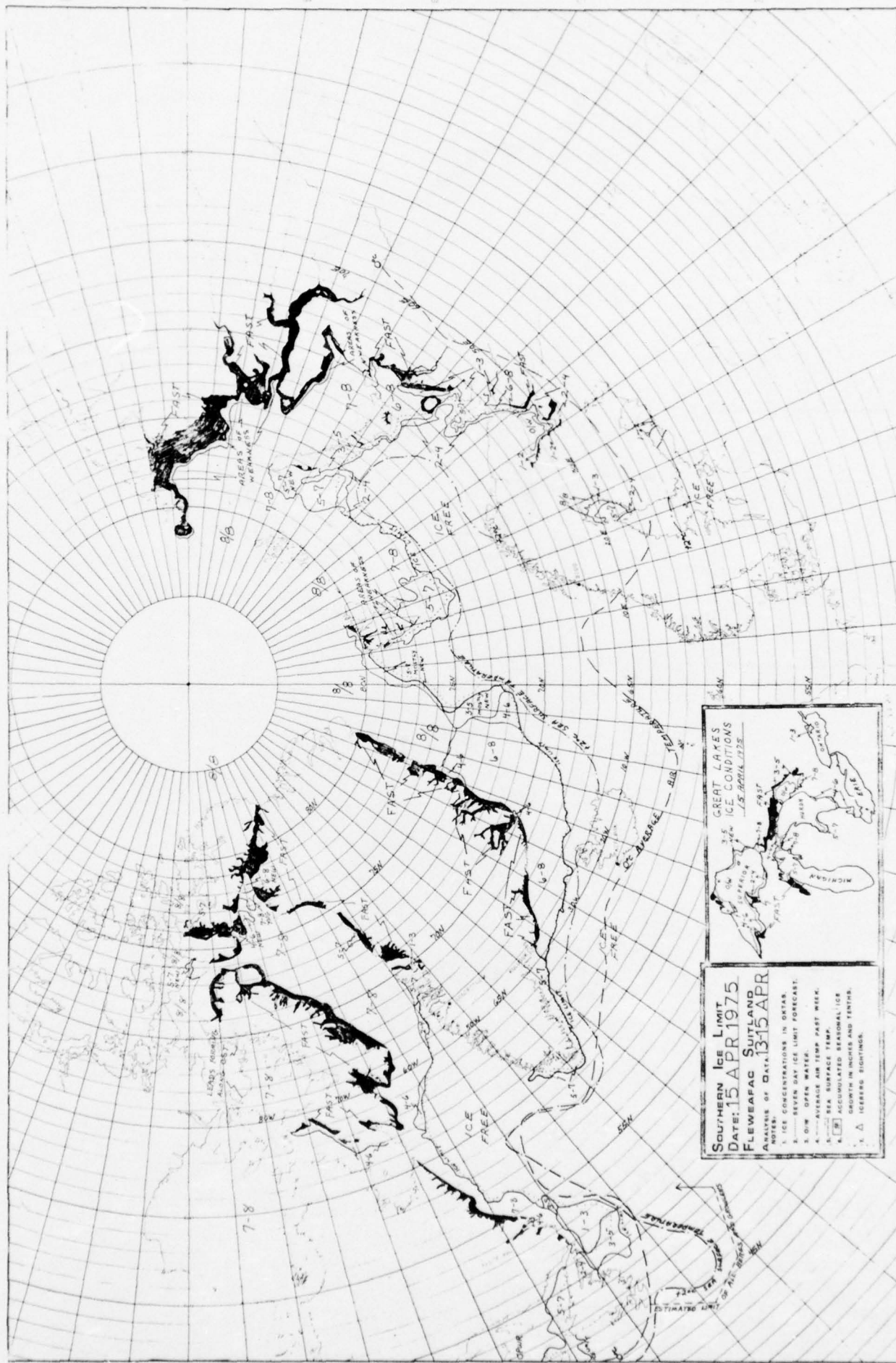
1. ICE CONCENTRATIONS IN OZAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.

GREAT LAKES ICE CONDITIONS 25 MARCH 1975



SOUTHERN ICE LIMIT
DATE: 01 APR 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA. 30 MAR -
NOTES:
1. ICE CONCENTRATIONS IN DRAG.
2. SEVEN DAY ICE LIMIT FORECAST.
3. 0/0 OPEN WATER.
4. AVERAGE AIR TEMP LAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE
GROWN IN INCHES AND TENTHS.
7. Δ ICEBERG SIGHTINGS.



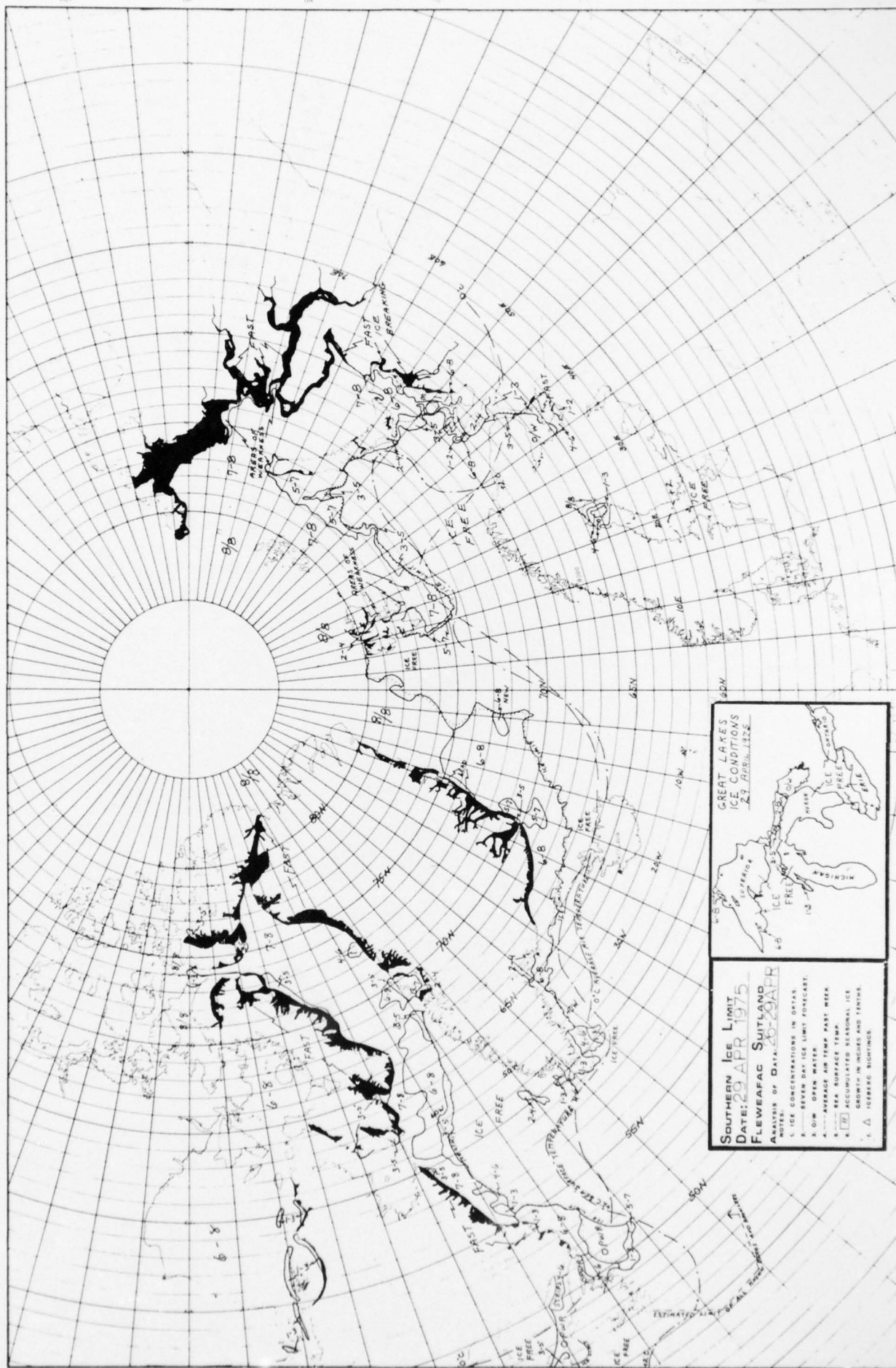


SOUTHERN ICE LIMIT
DATE: 15 APR 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 13-15 APR

NOTES:

- 1. ICE CONCENTRATIONS IN ORTAR.
- 2. SEVEN DAY ICE LIMIT FORECAST.
- 3. DOW OPEN WATER.
- 4. AVERAGE AIR TEMP. PAST WEEK.
- 5. SEA SURFACE TEMP.
- 6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
- 7. ICEBERG SIGHTINGS.



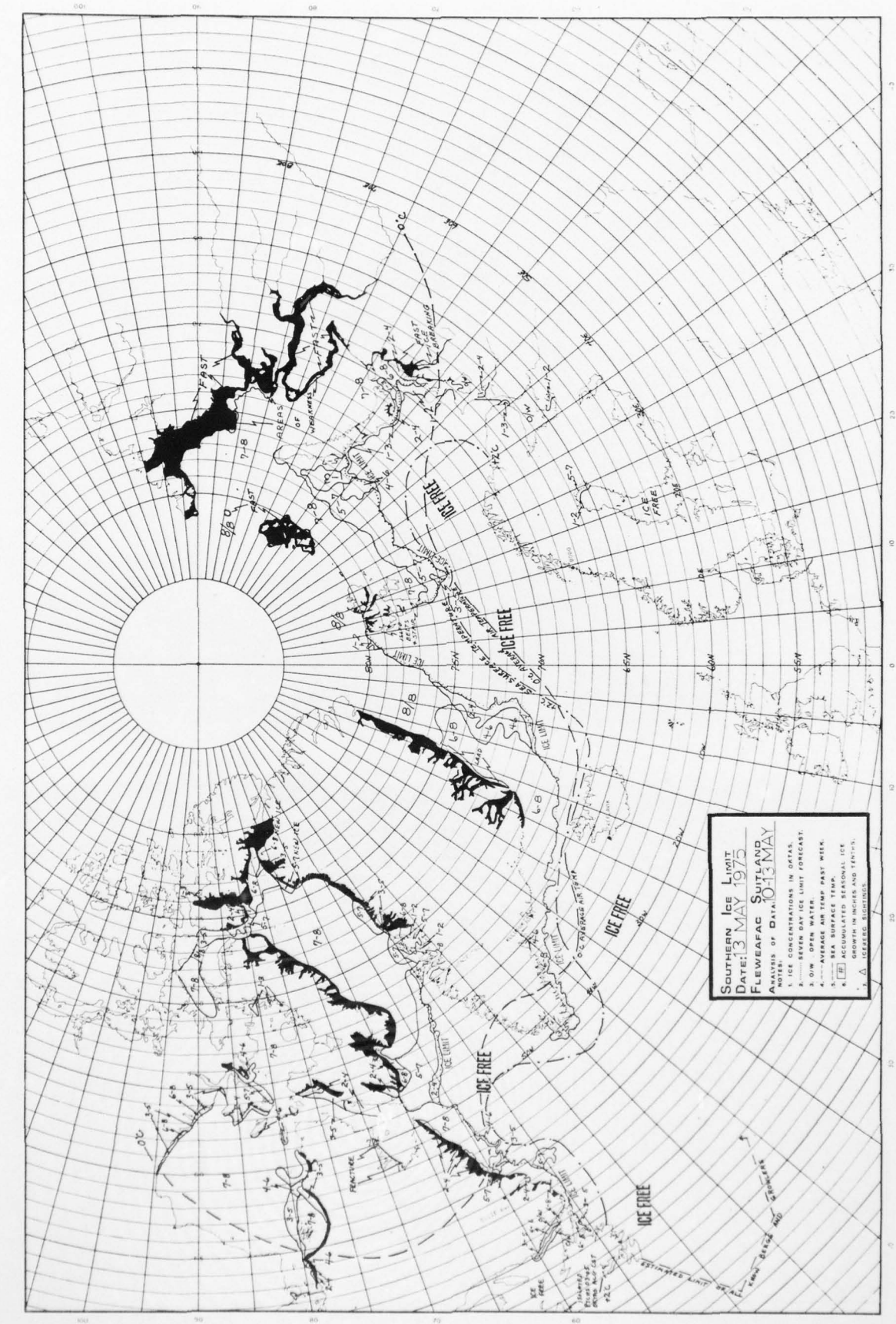


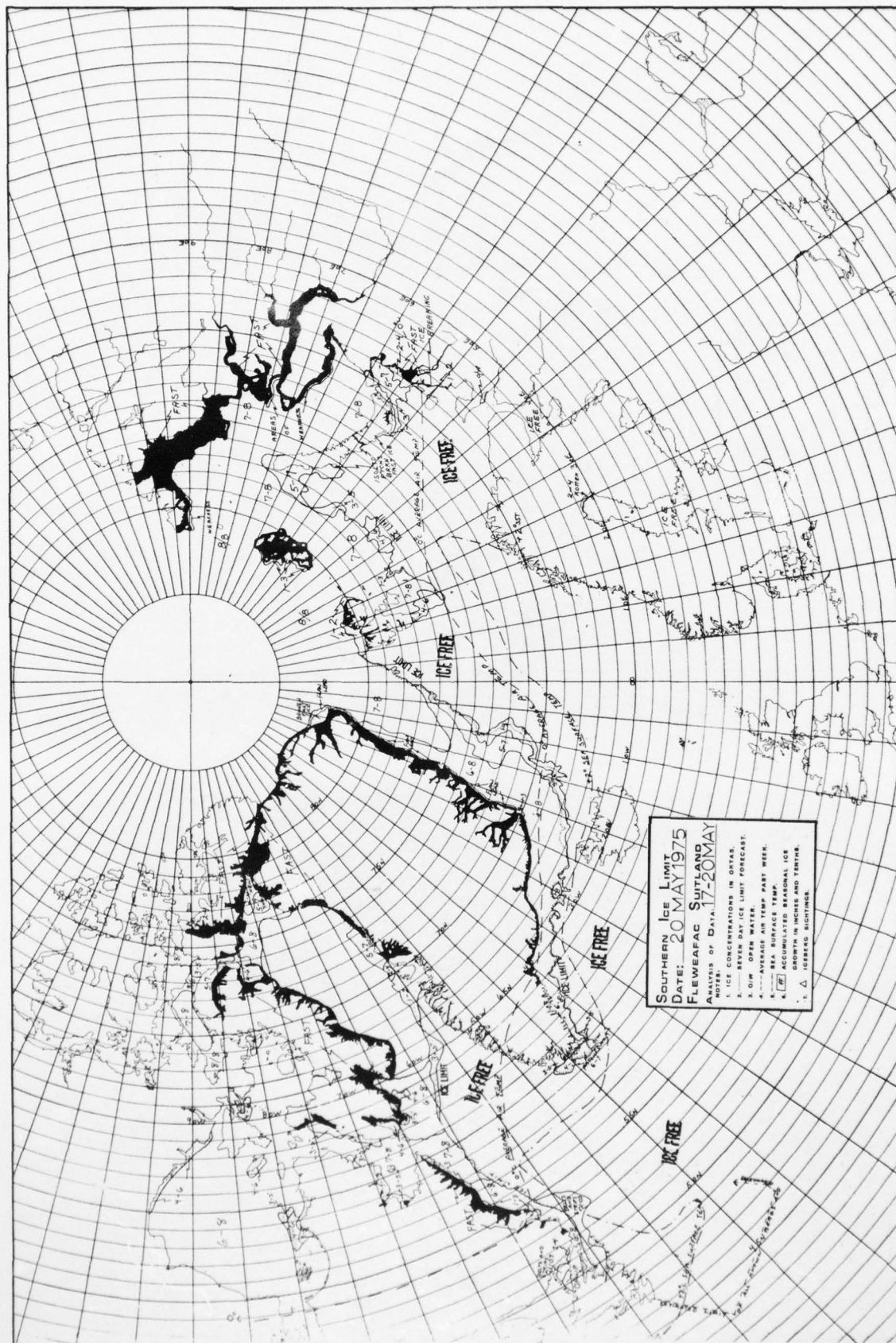
SOUTHERN ICE LIMIT
DATE: 29 APR 1975
FLEWEAFAC SUTLAND

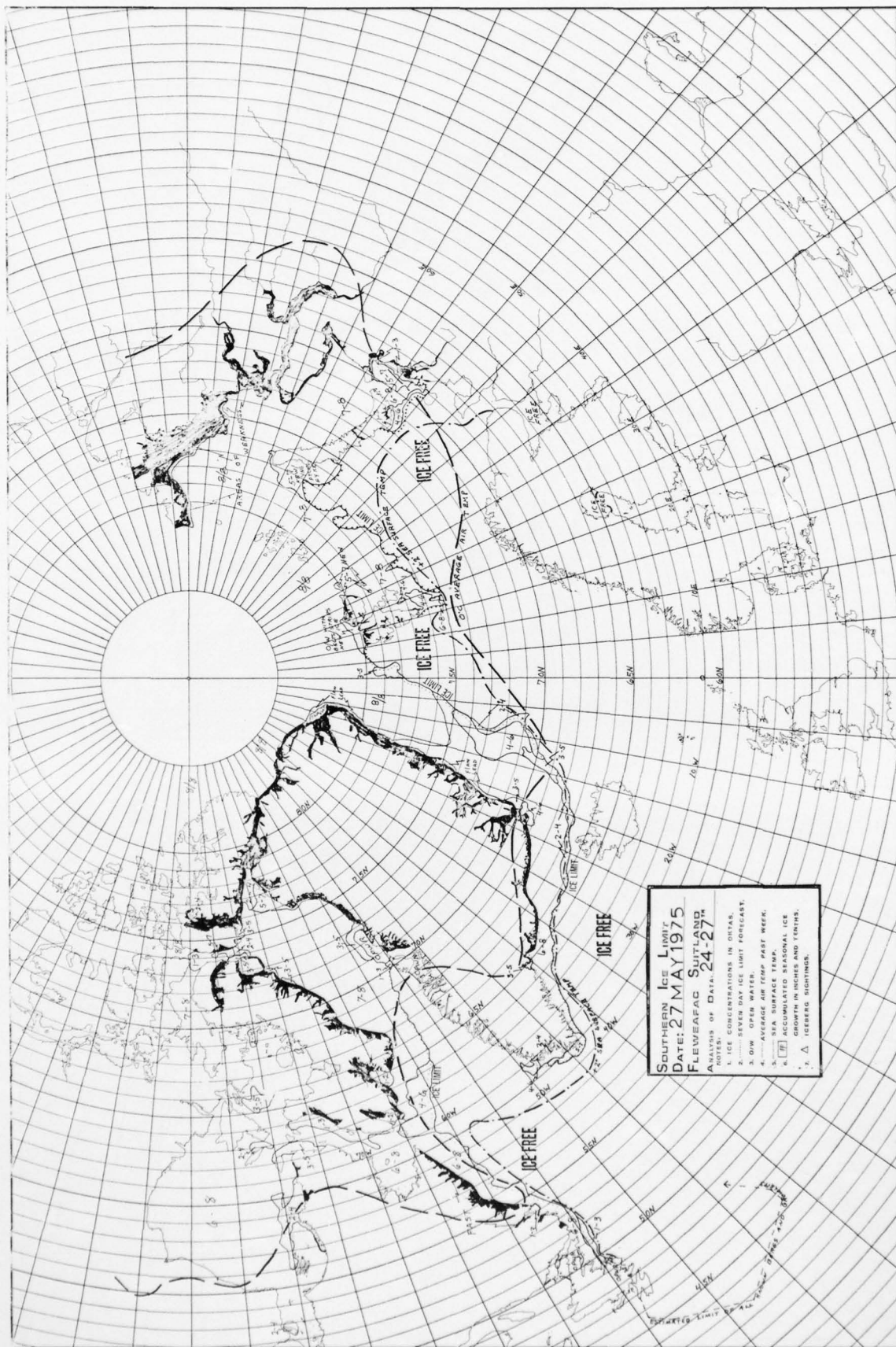
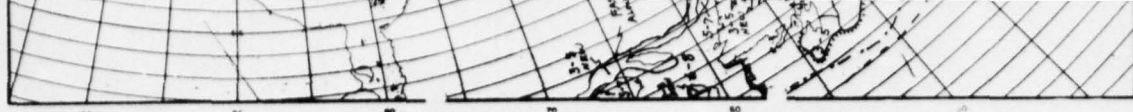
ANALYSIS OF DATA: 29 APR 1975

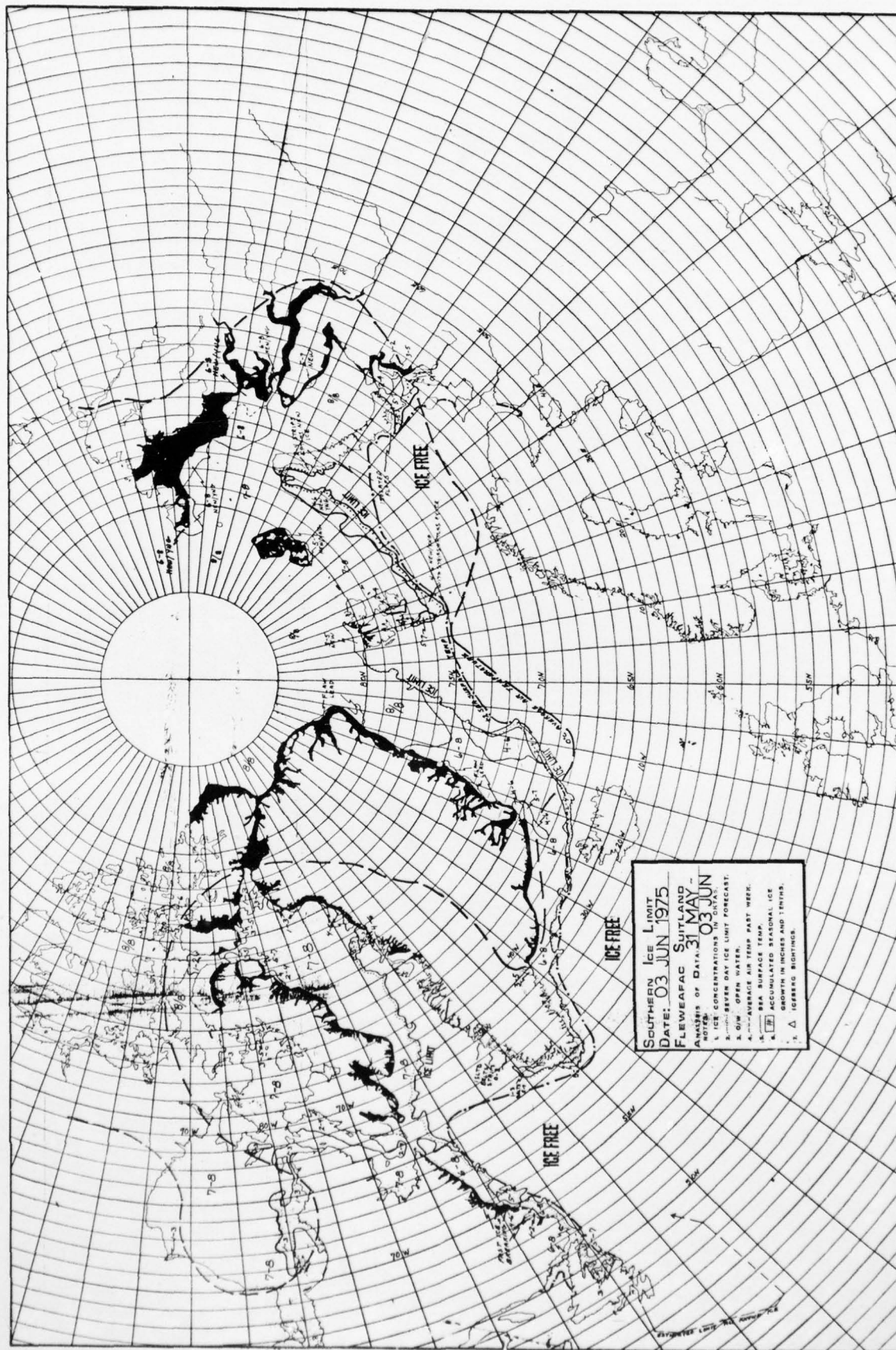
1. ICE CONCENTRATION IN OZON
 2. SEVEN DAY ICE LIMIT FORECAST
 3. OPEN WATER
 4. AVERAGE AIR TEMP PAST WEEK
 5. SEA SURFACE TEMP
 6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
 7. ICEBERG SIGHTINGS

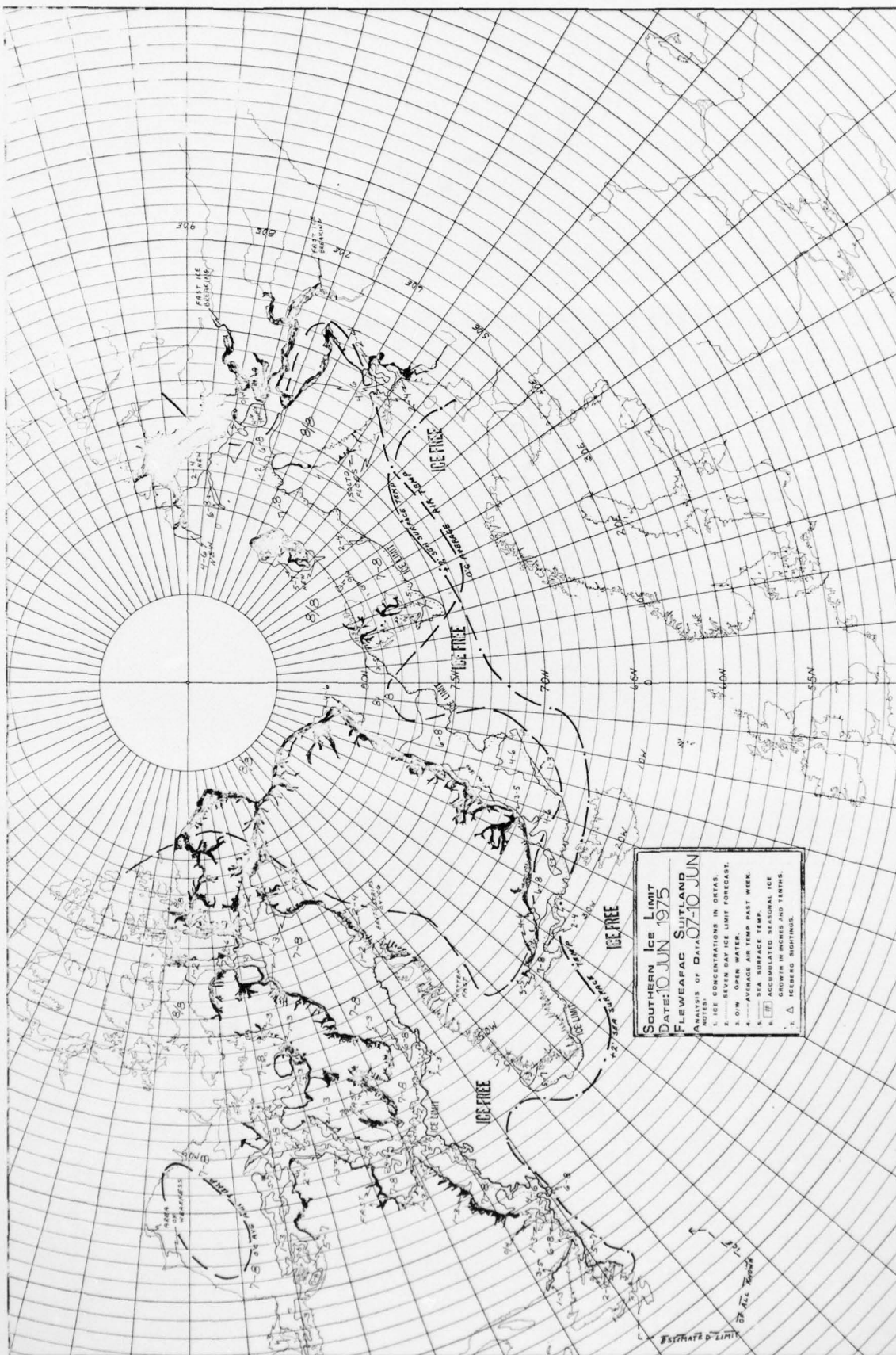
GREAT LAKES
ICE CONDITIONS
29 APR 1975

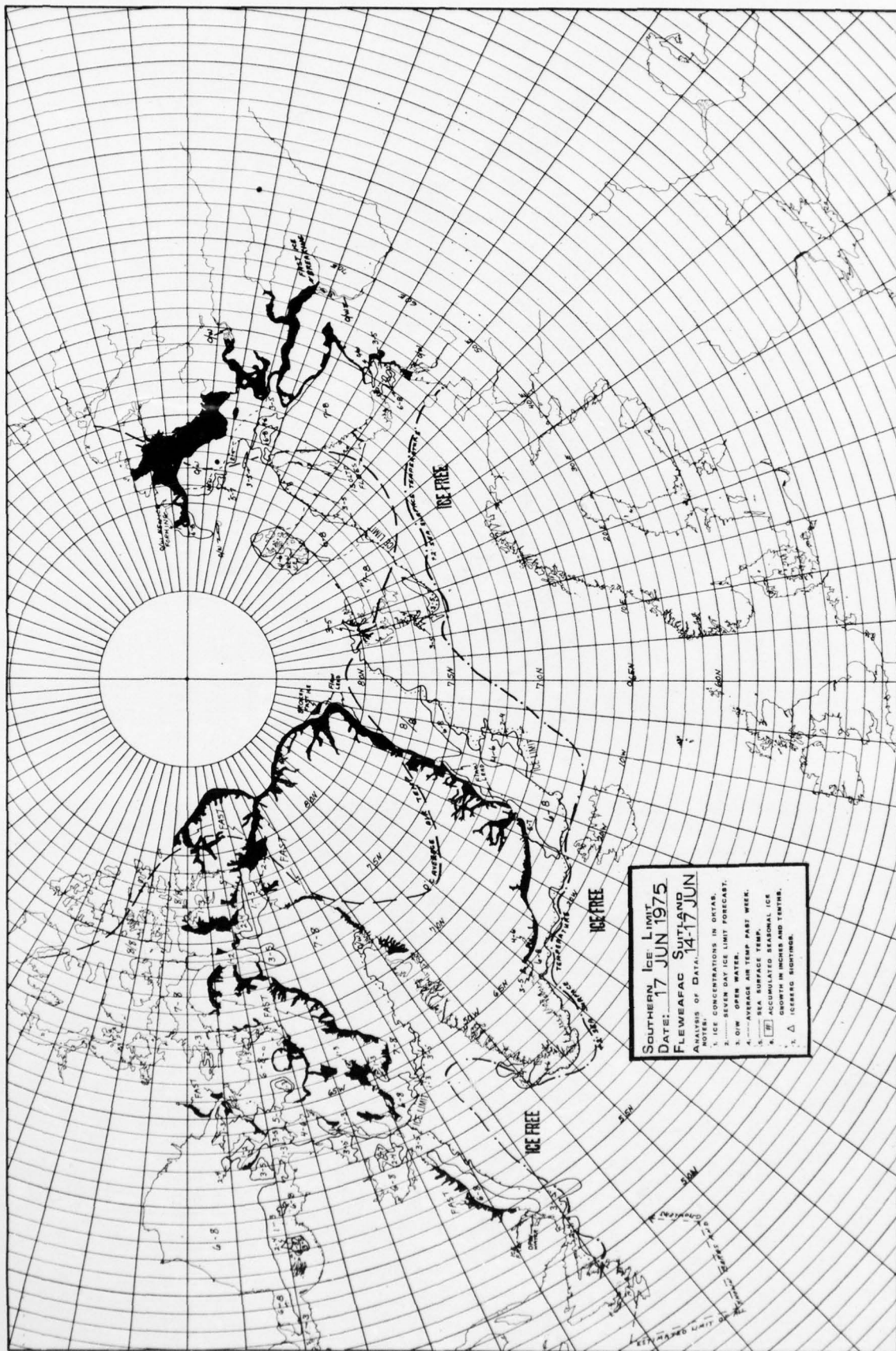


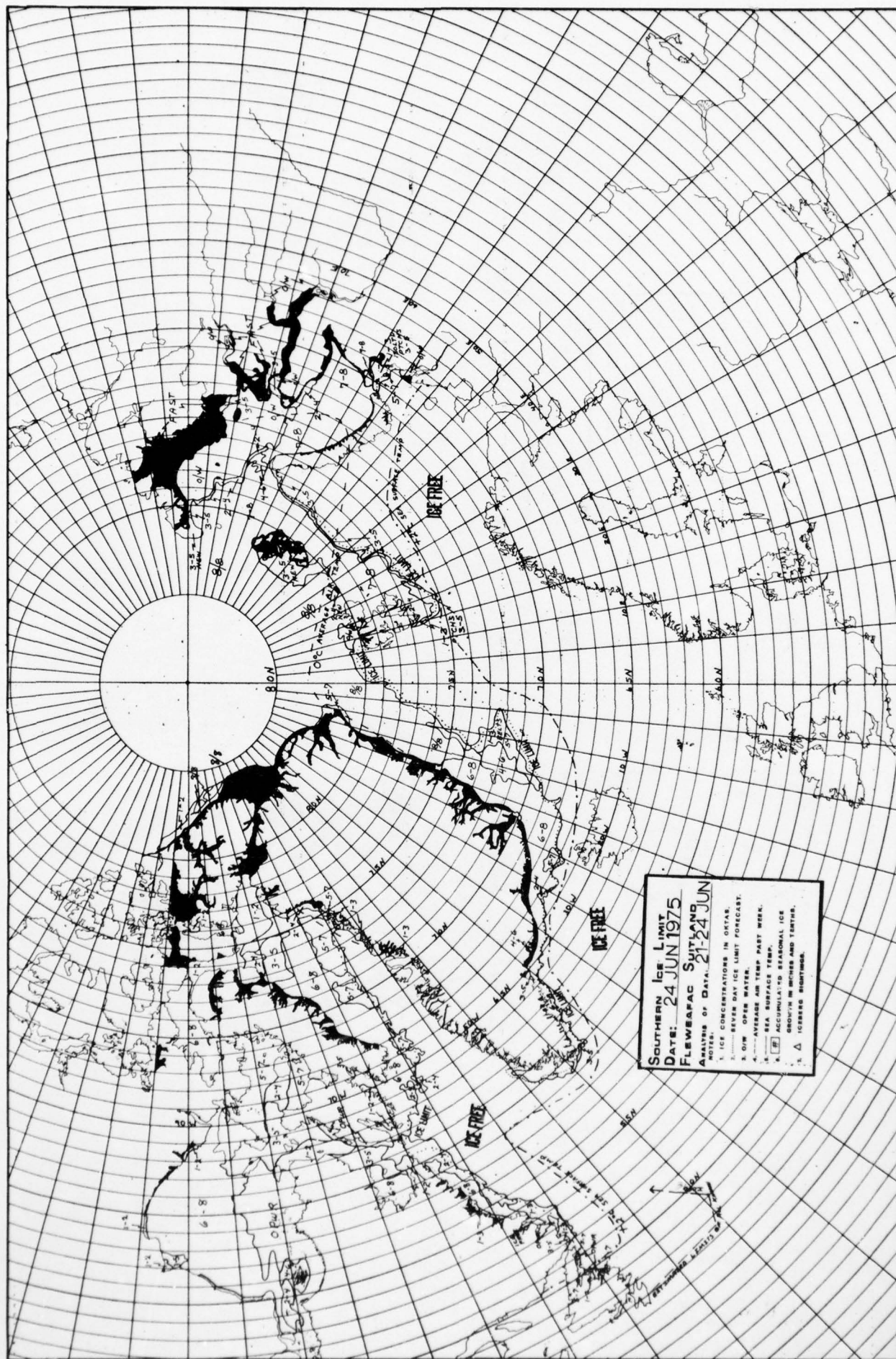


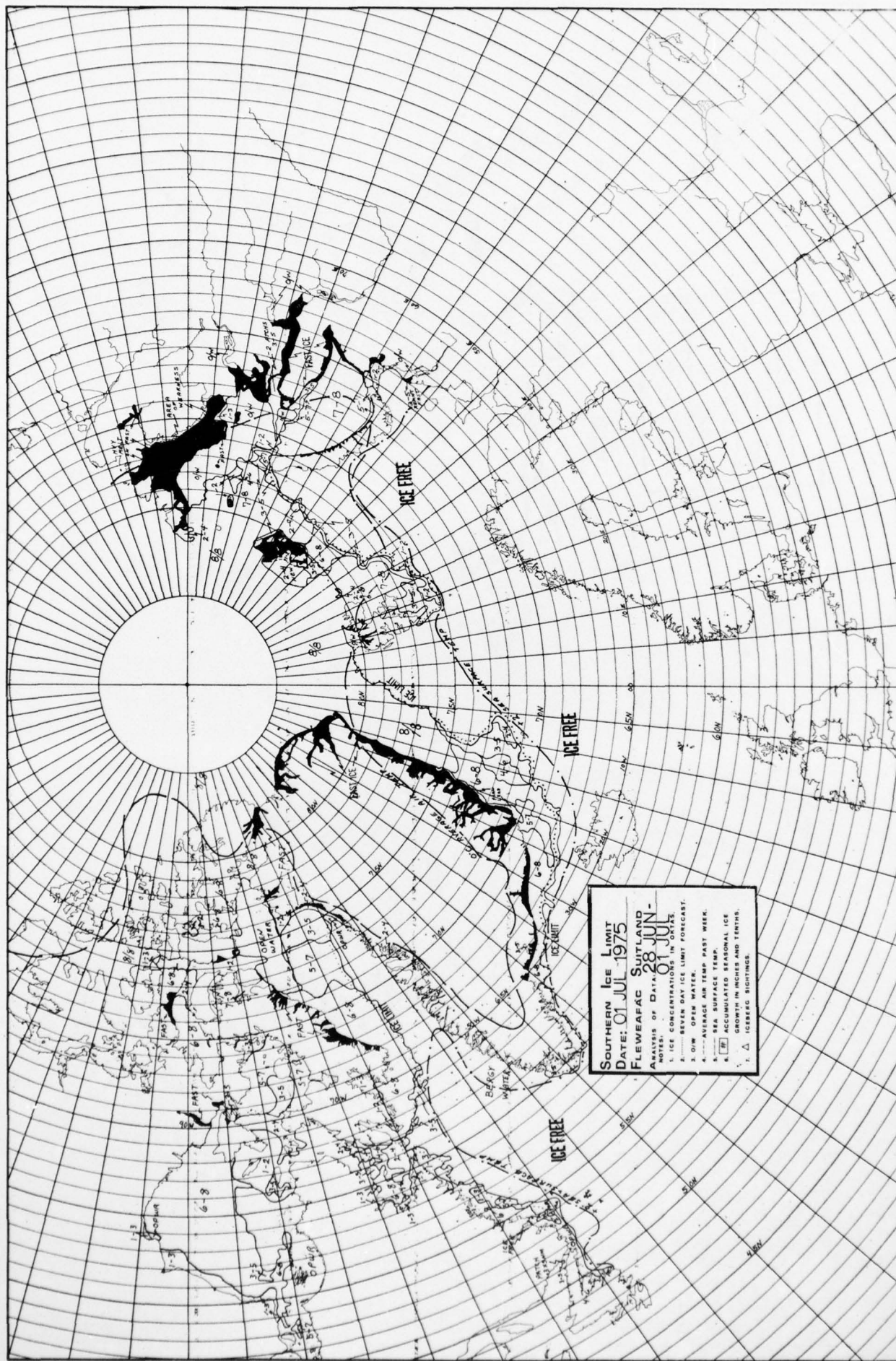


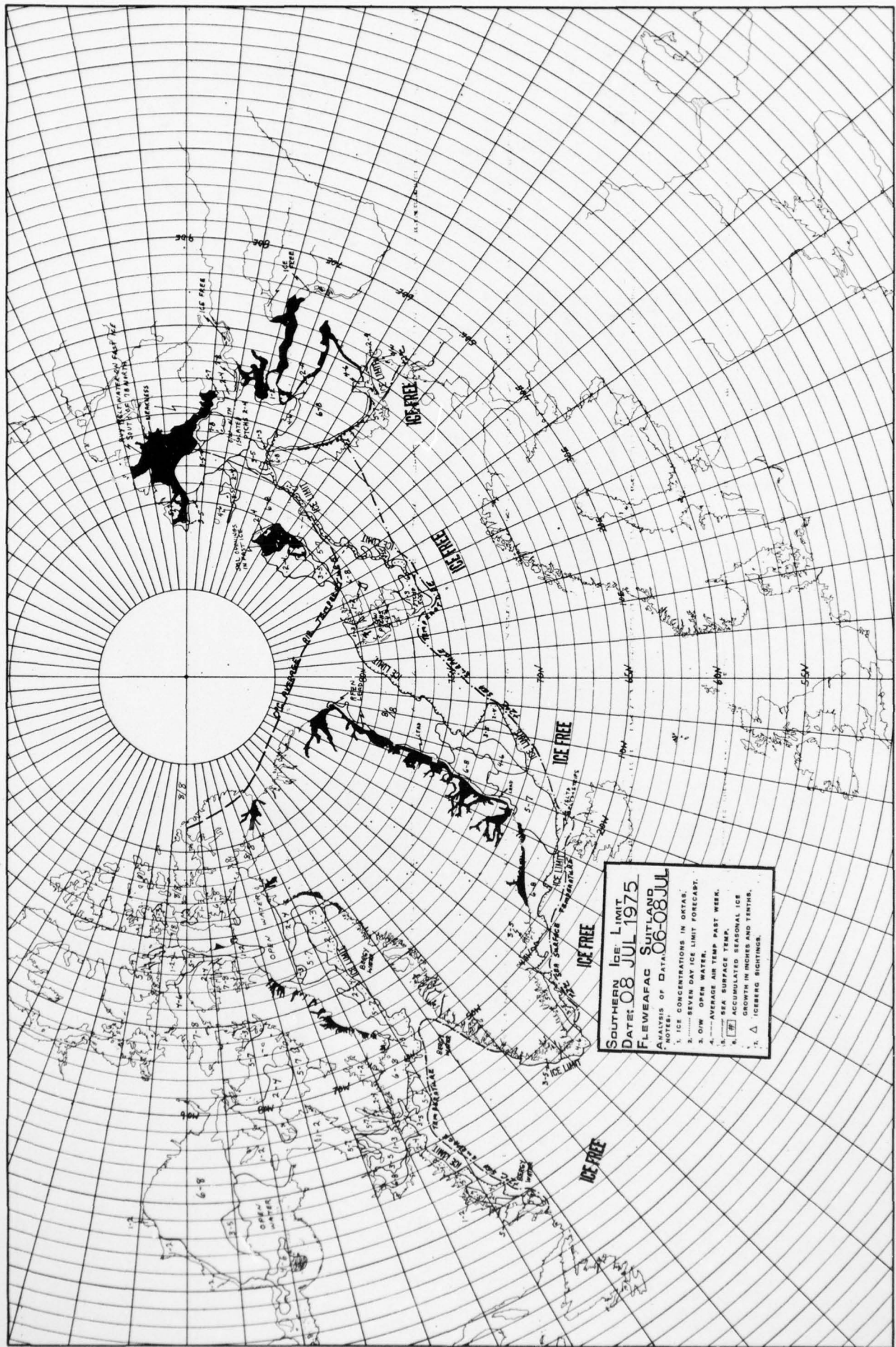


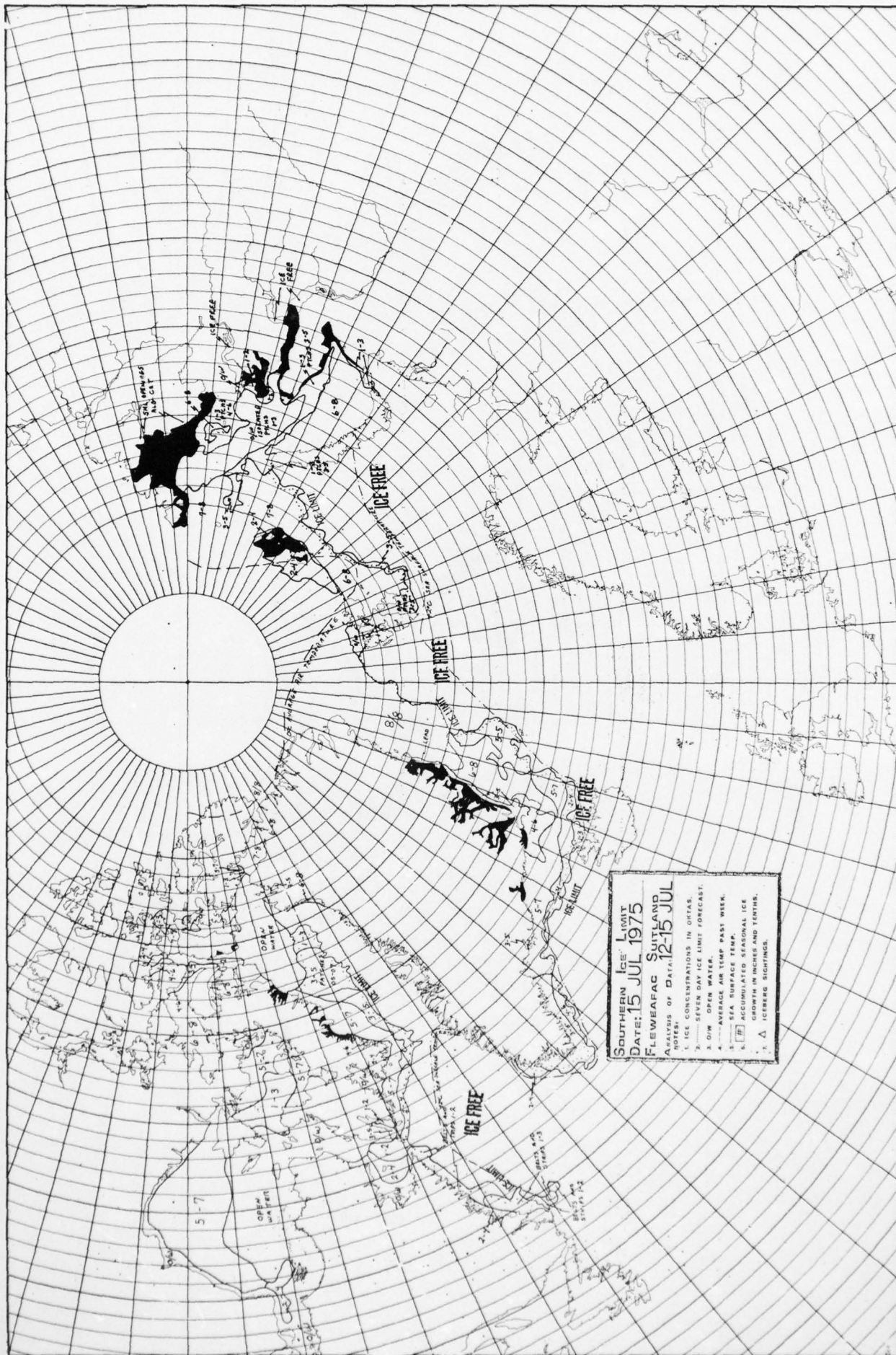


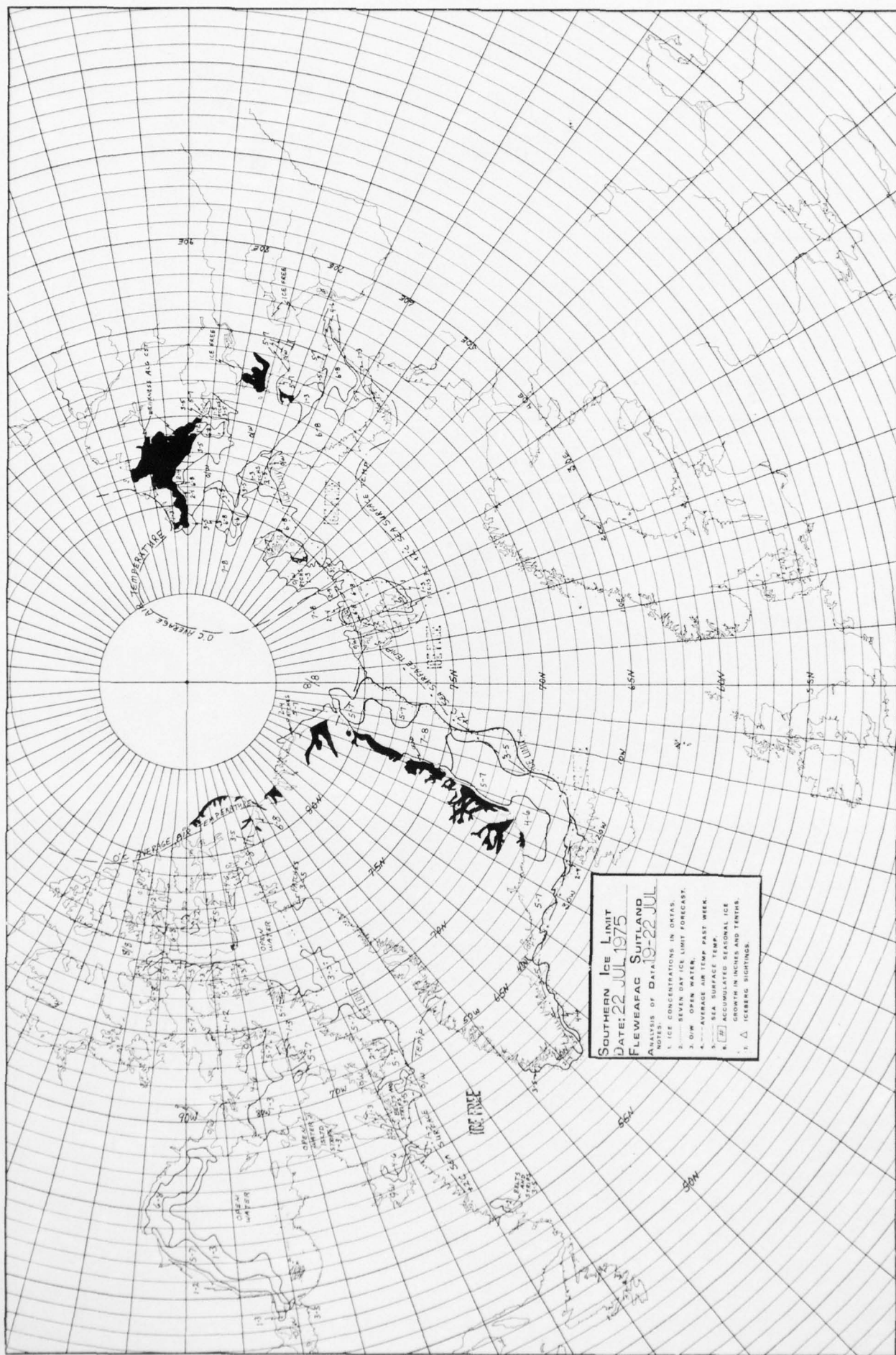


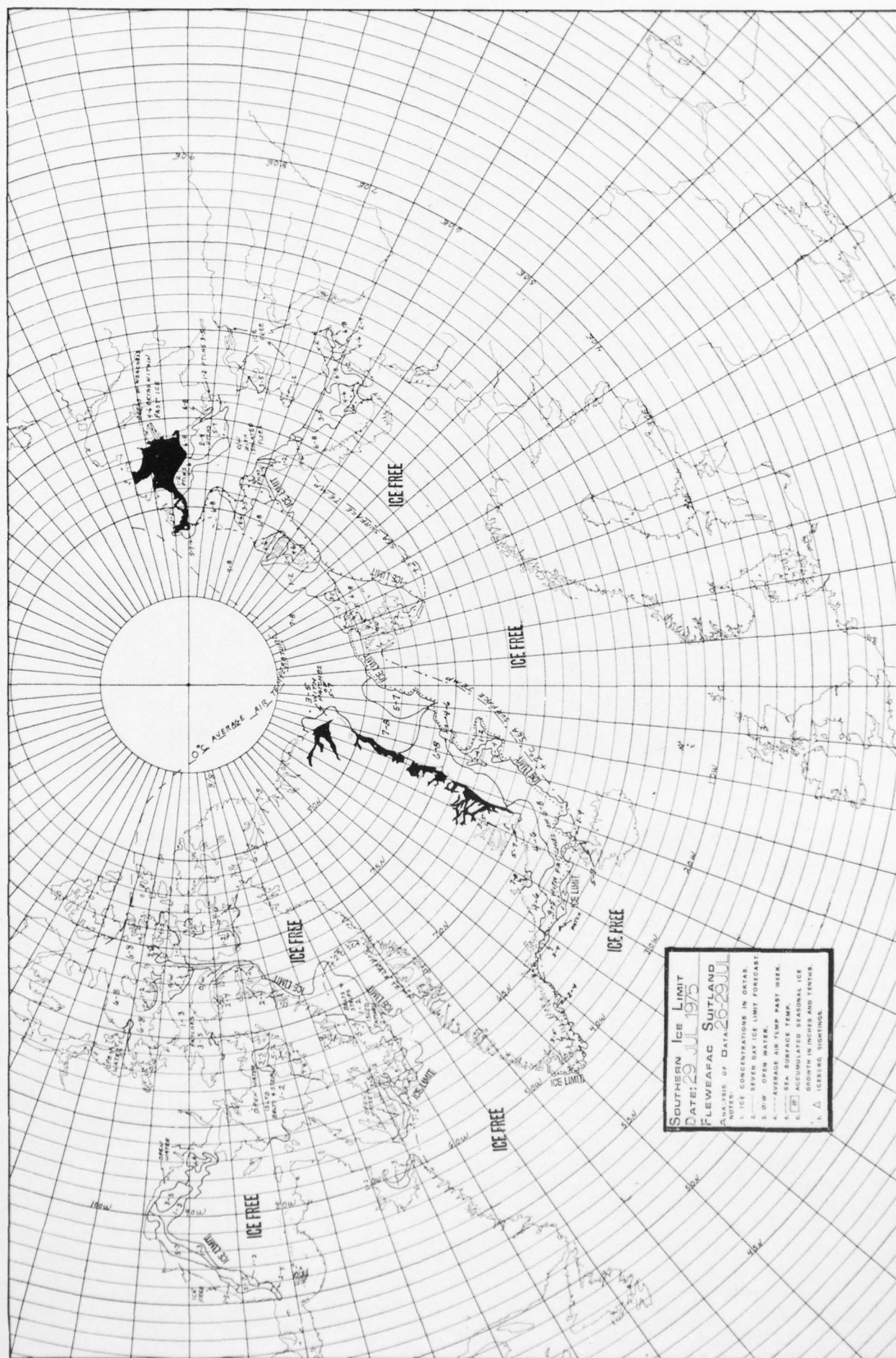


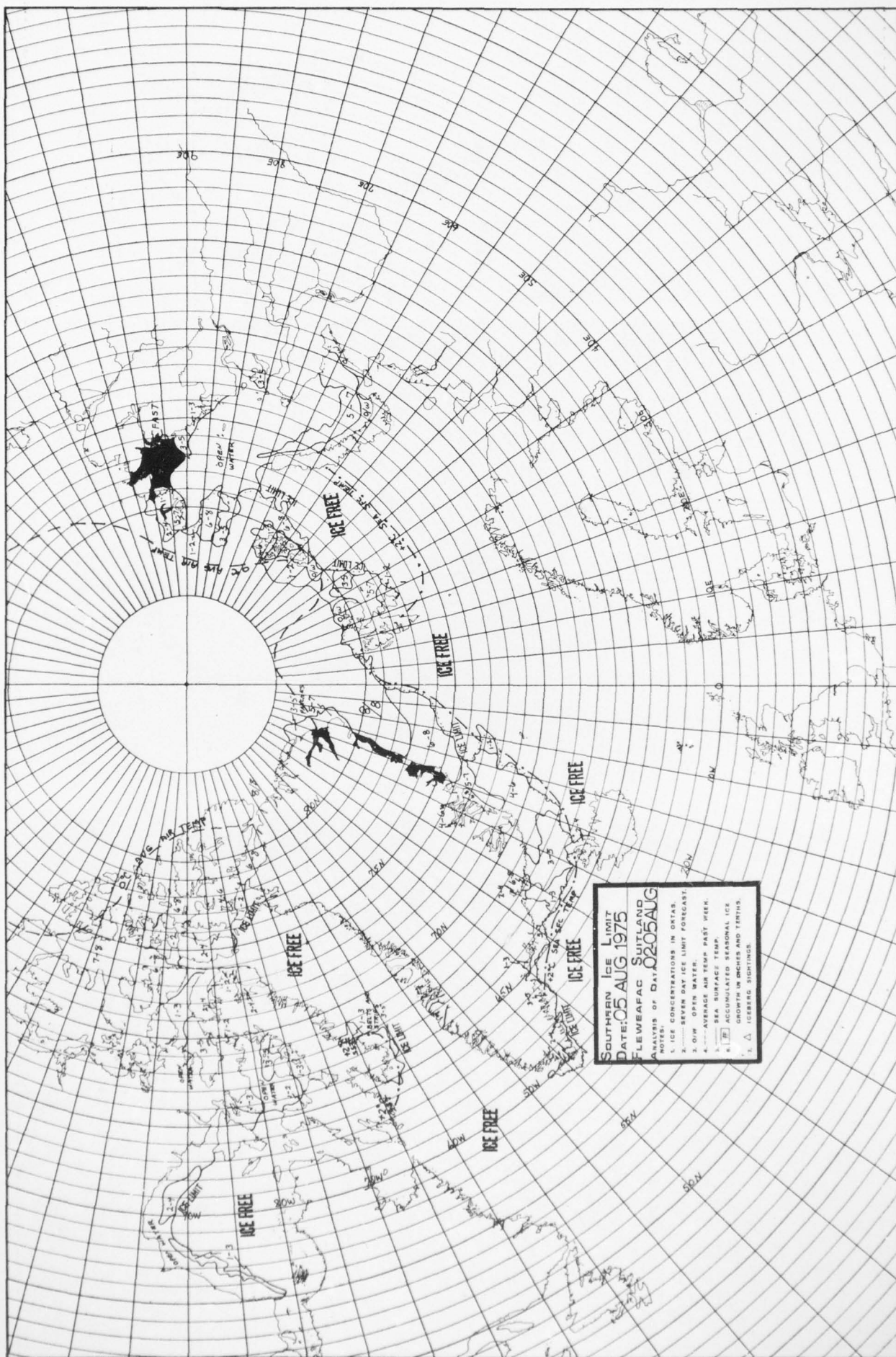












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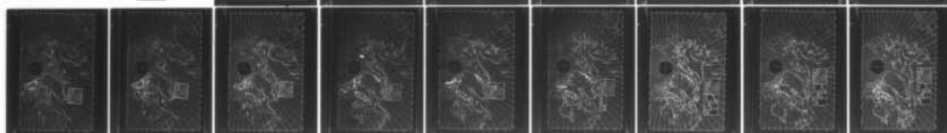
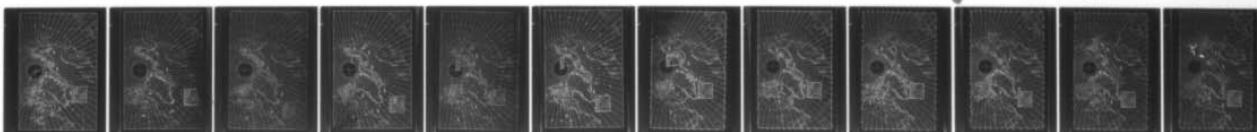
FLEET WEATHER FACILITY SUITLAND MD
EASTERN ARCTIC SEA ICE ANALYSIS 1972-1975. (U)
JUN 76

F/G 8/12

UNCLASSIFIED

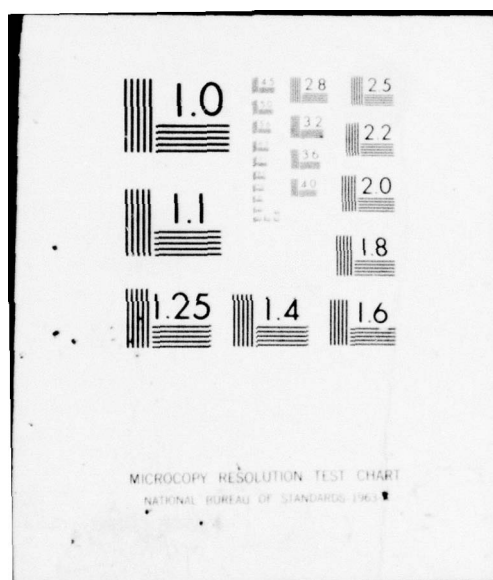
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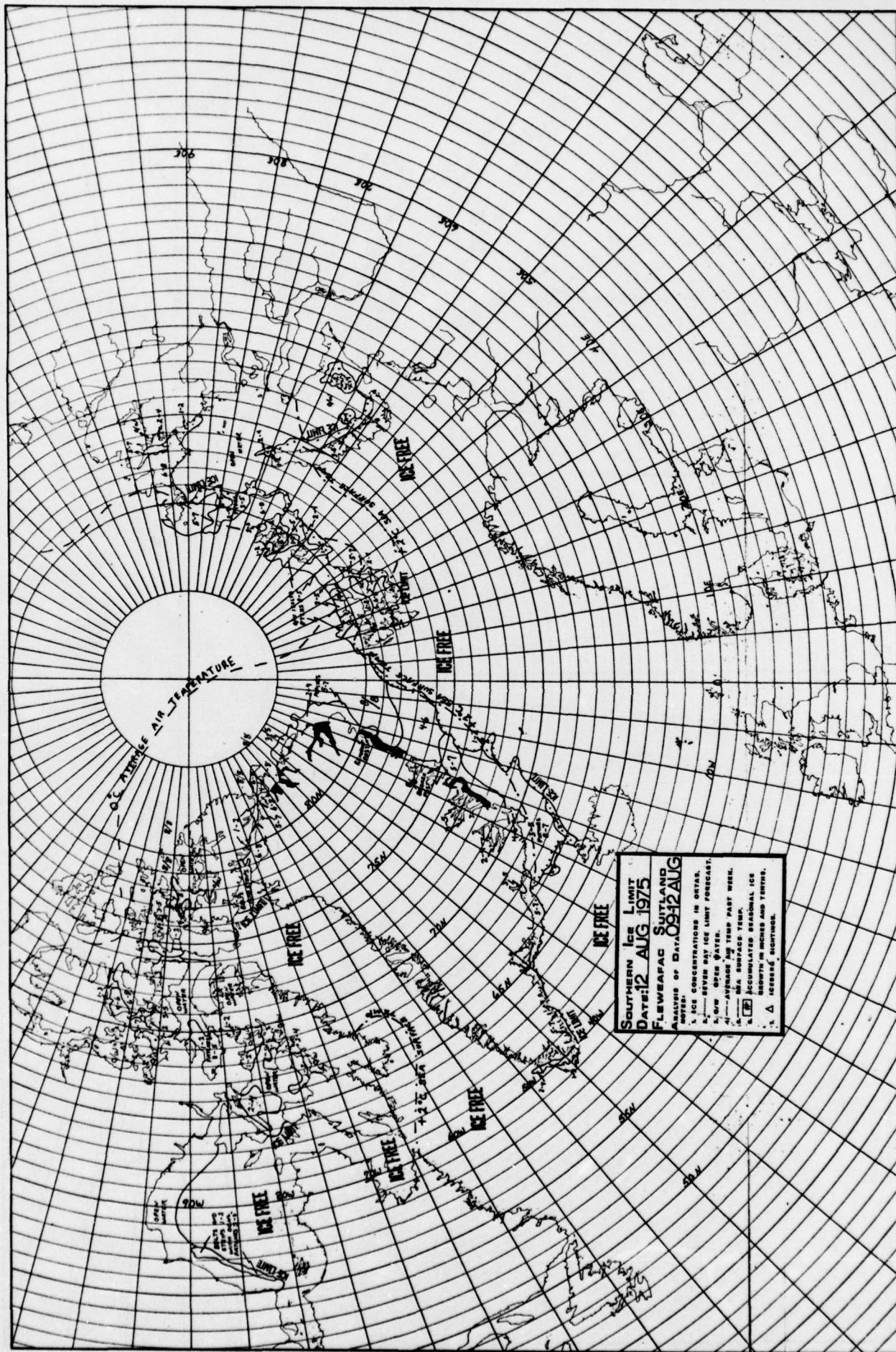
3 OF 3
AD
A033344

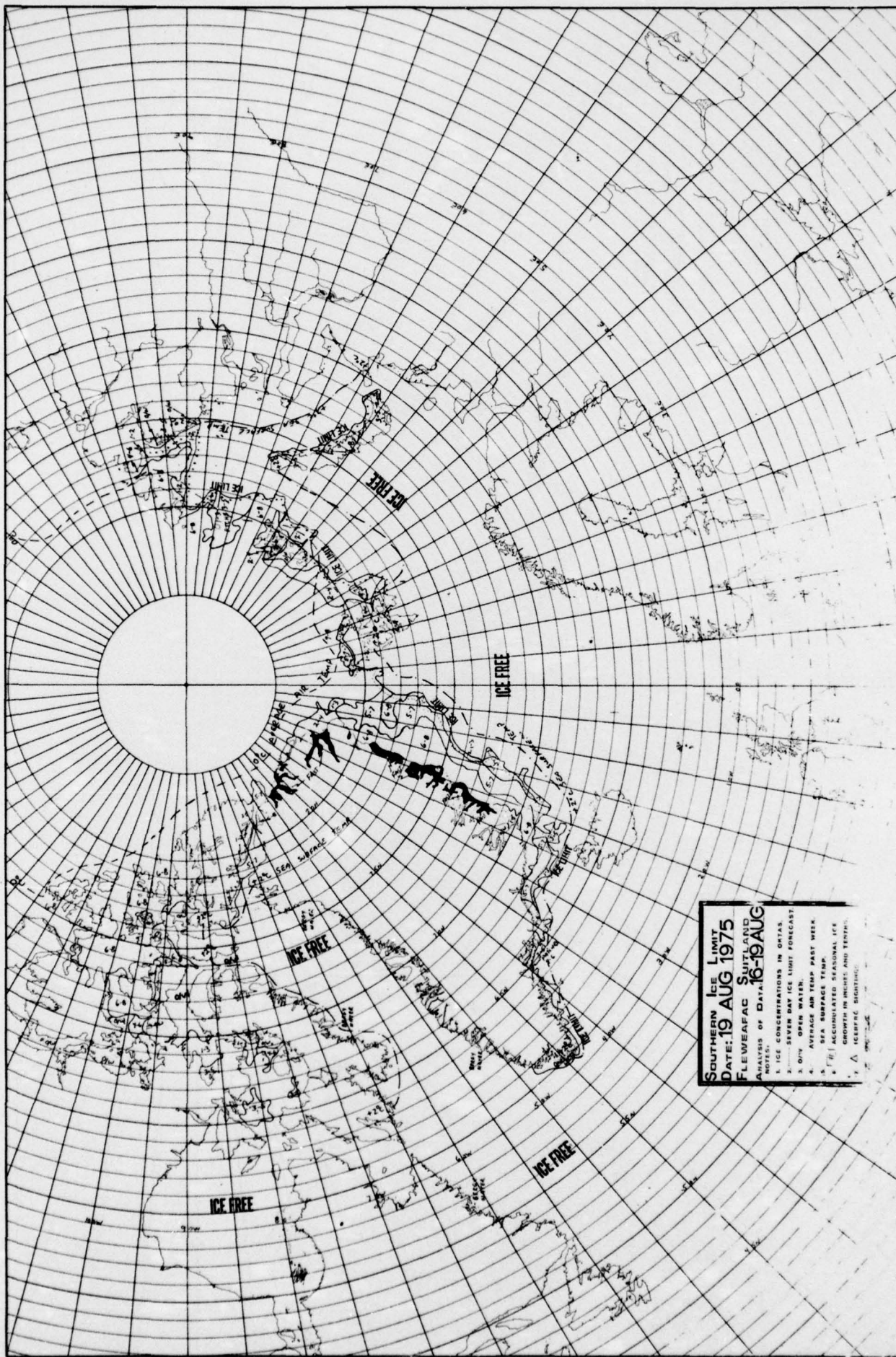


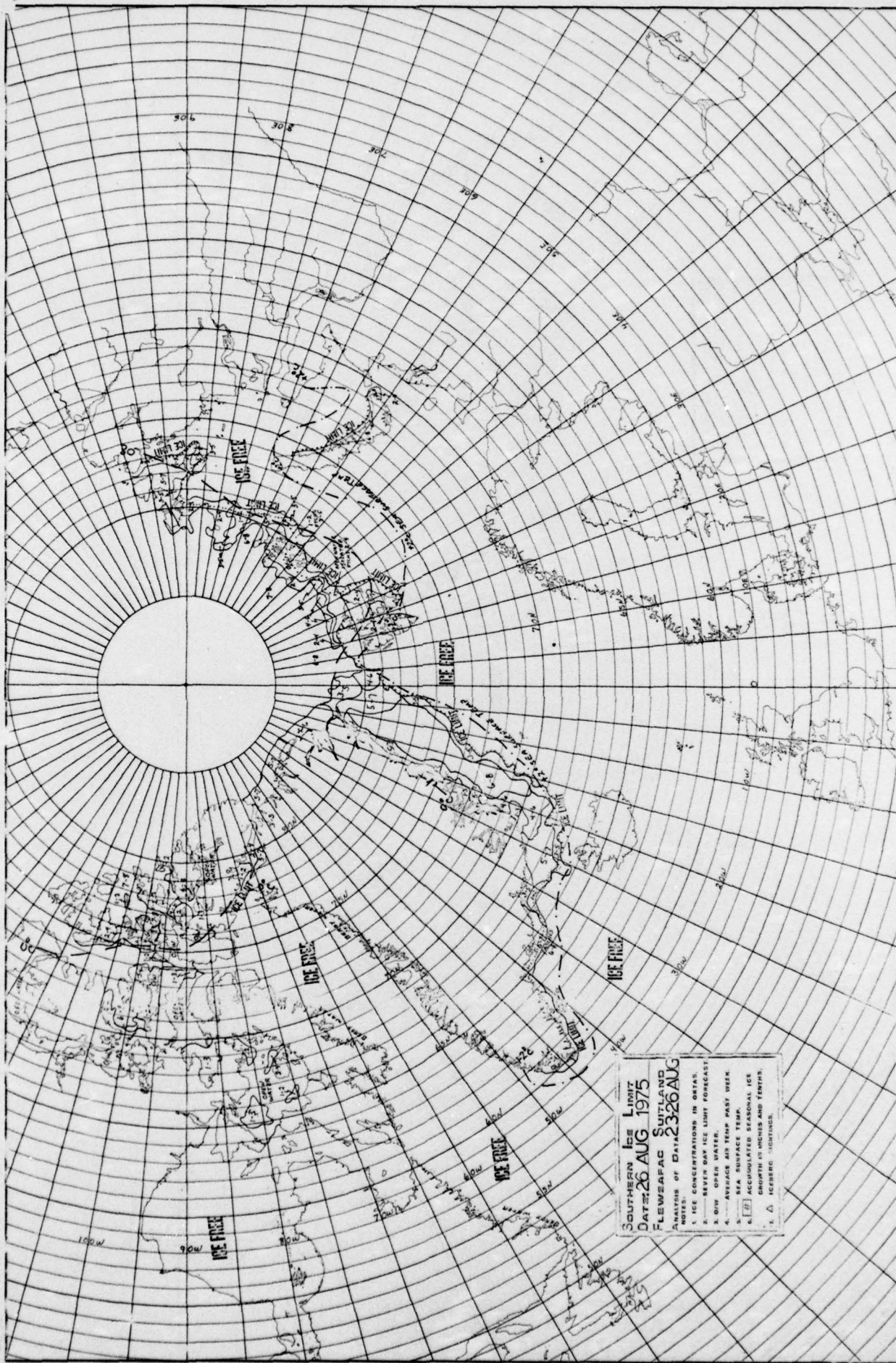
END

DATE
FILMED
2-77



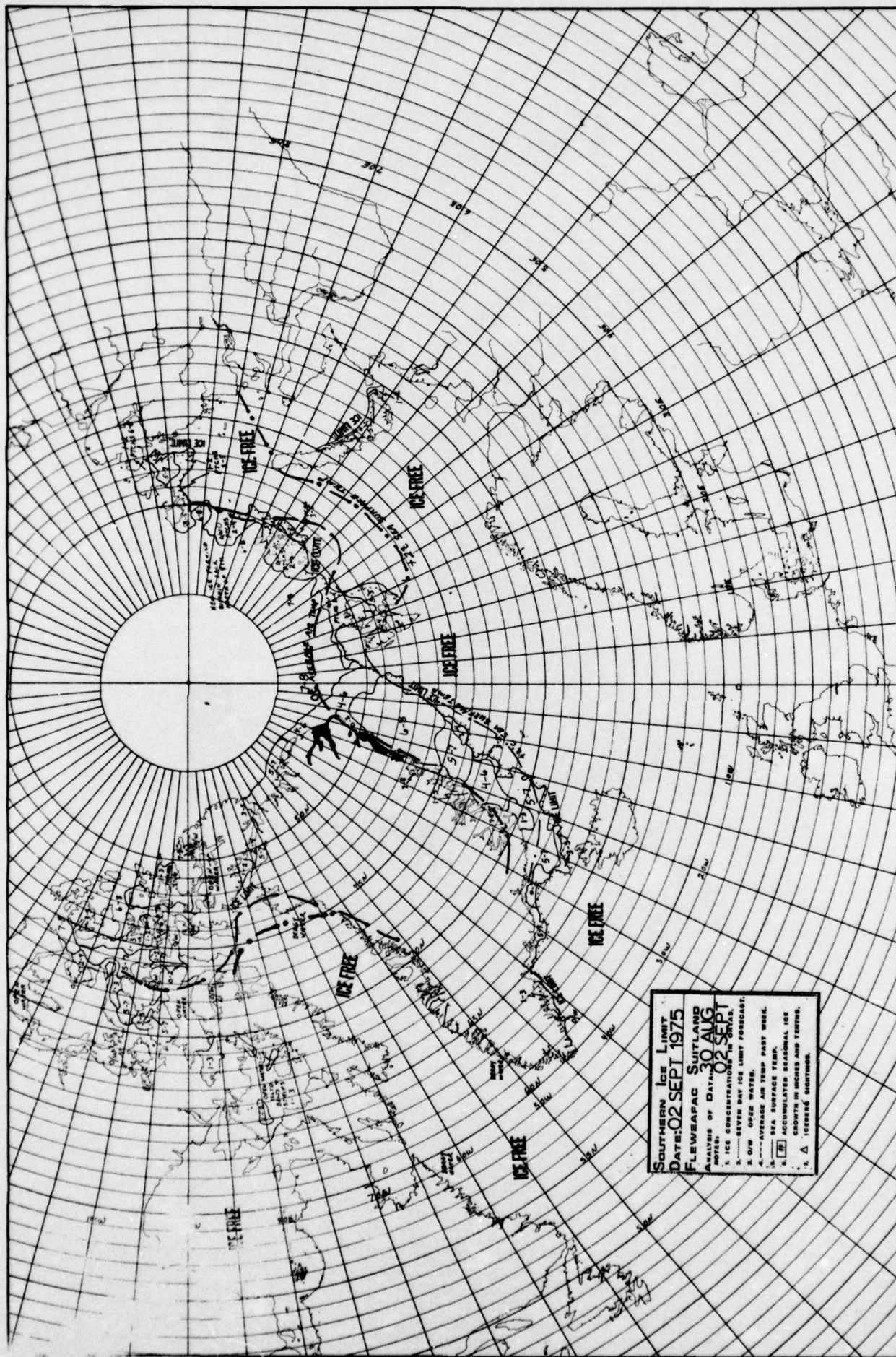


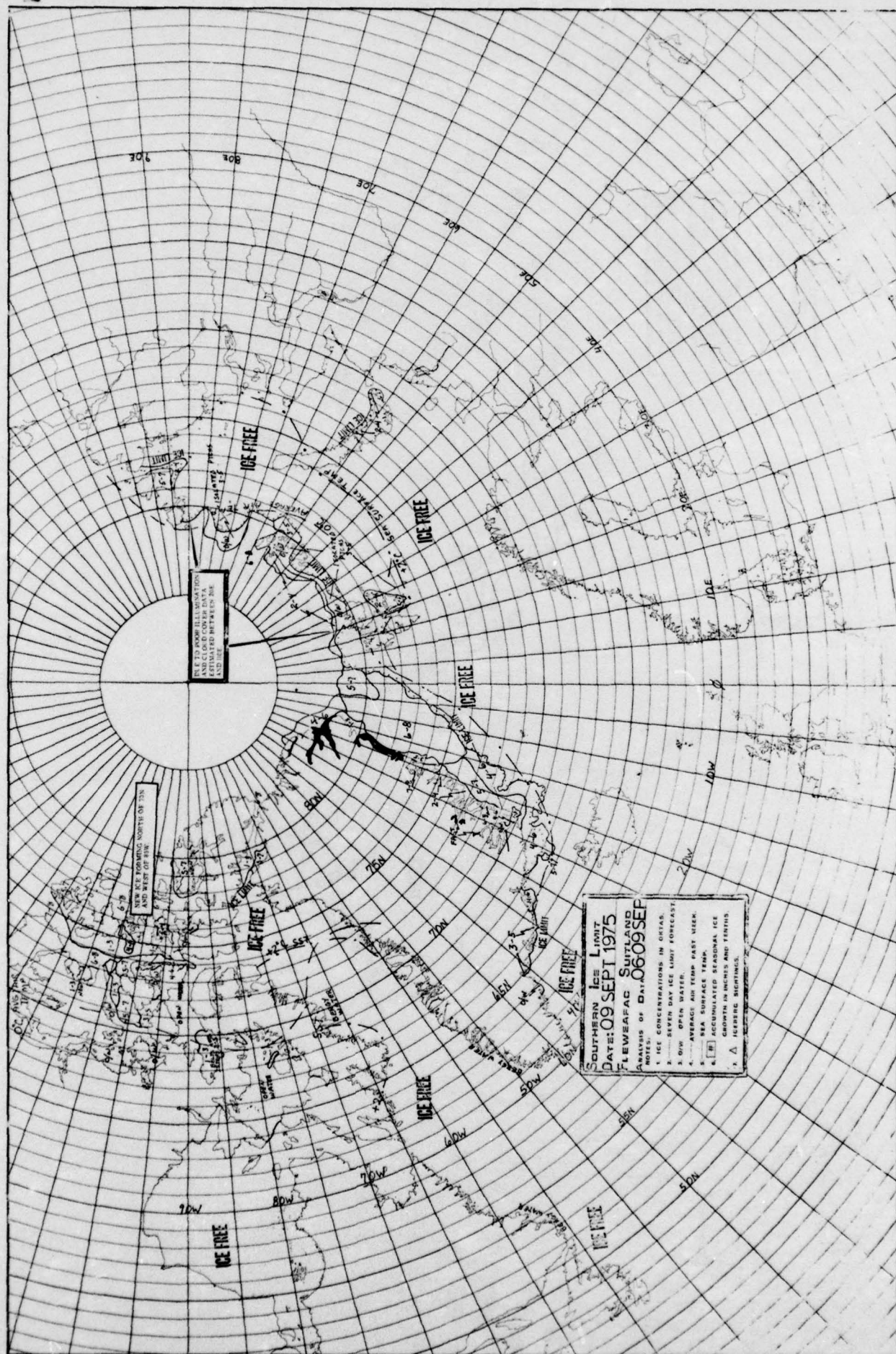


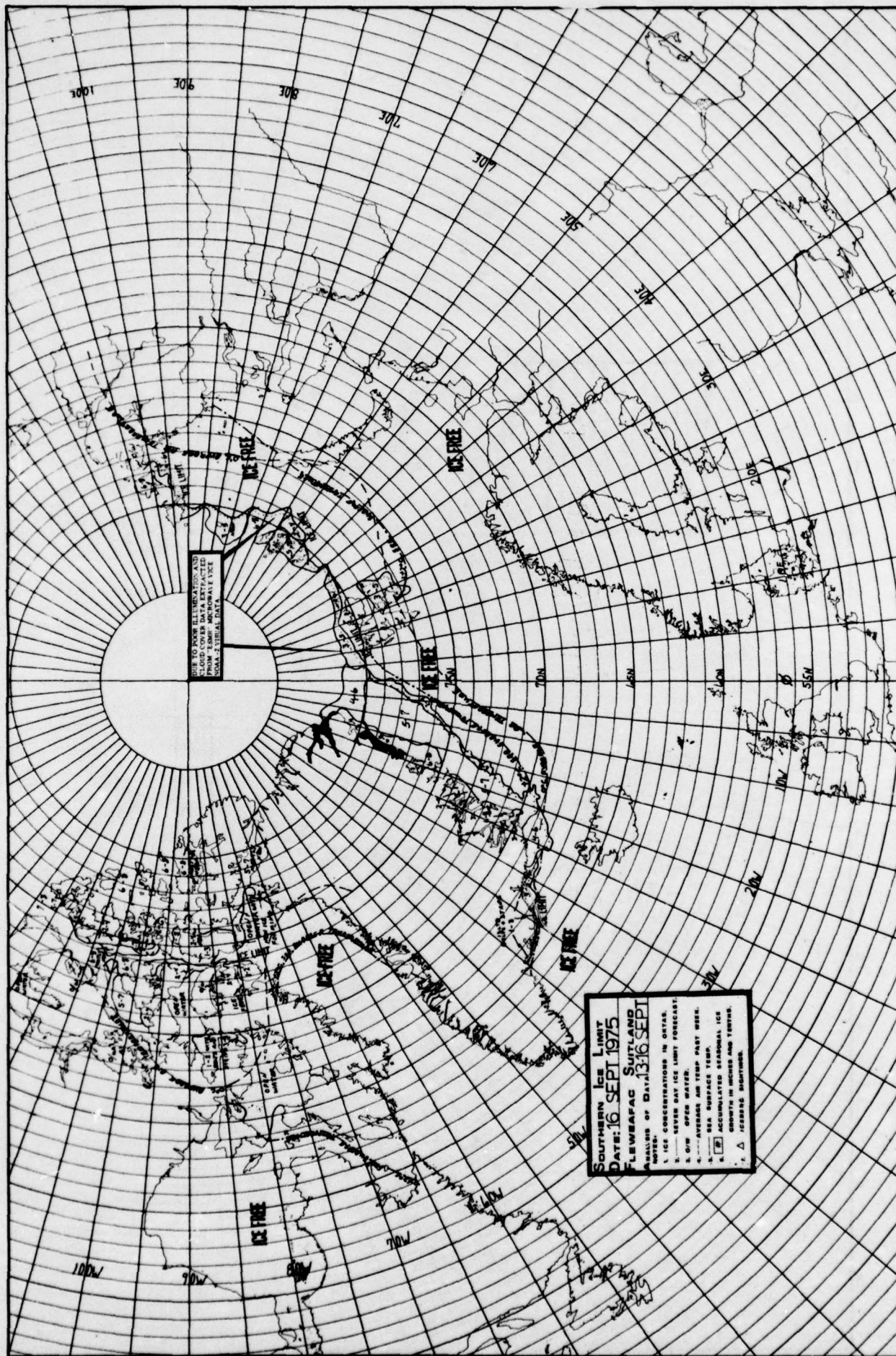


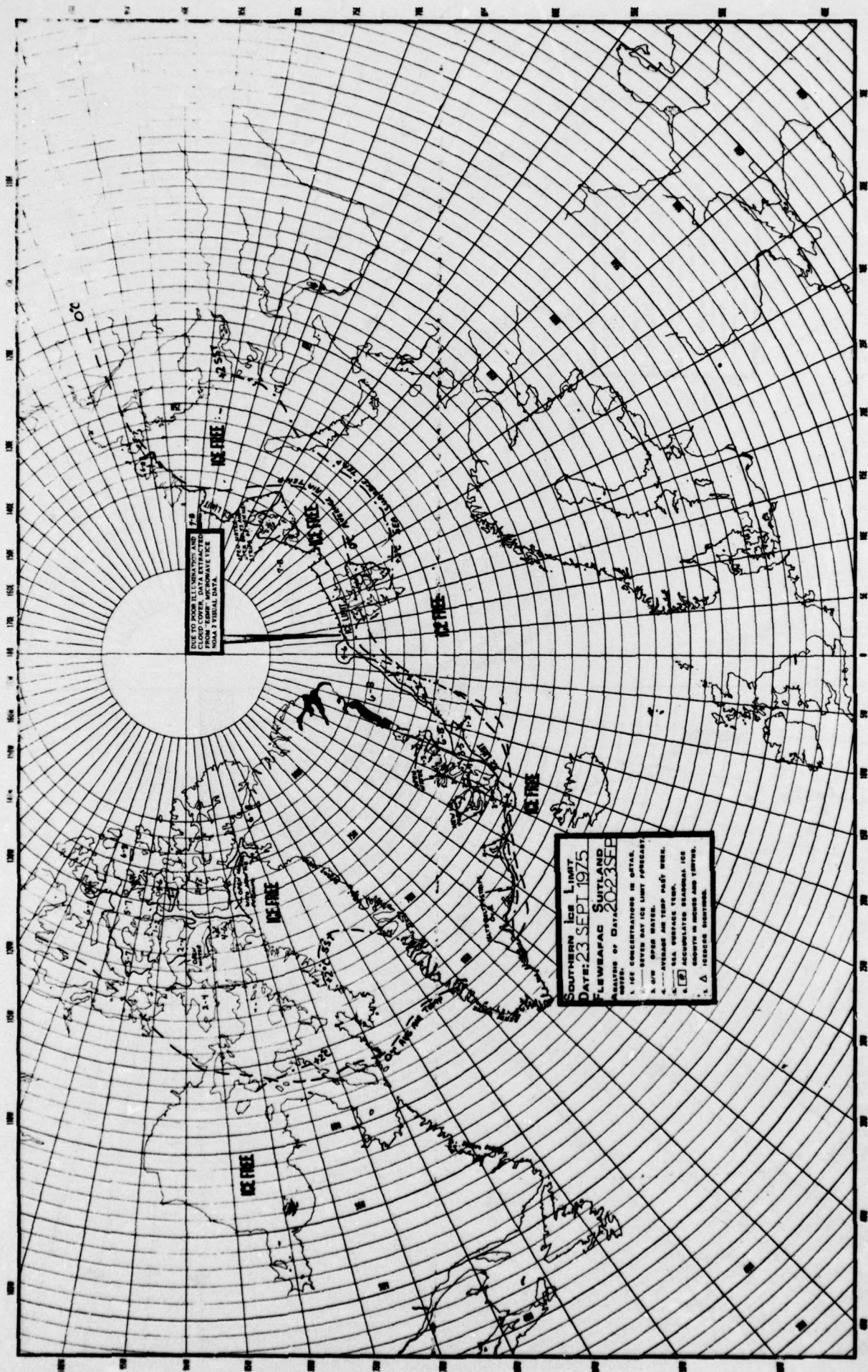
SOUTHERN ICE LIMIT
 DATE: 26 AUG 1975
 FLEWEAFAC SUTLAND
 ANALYSIS OF DATA: 23-26 AUG

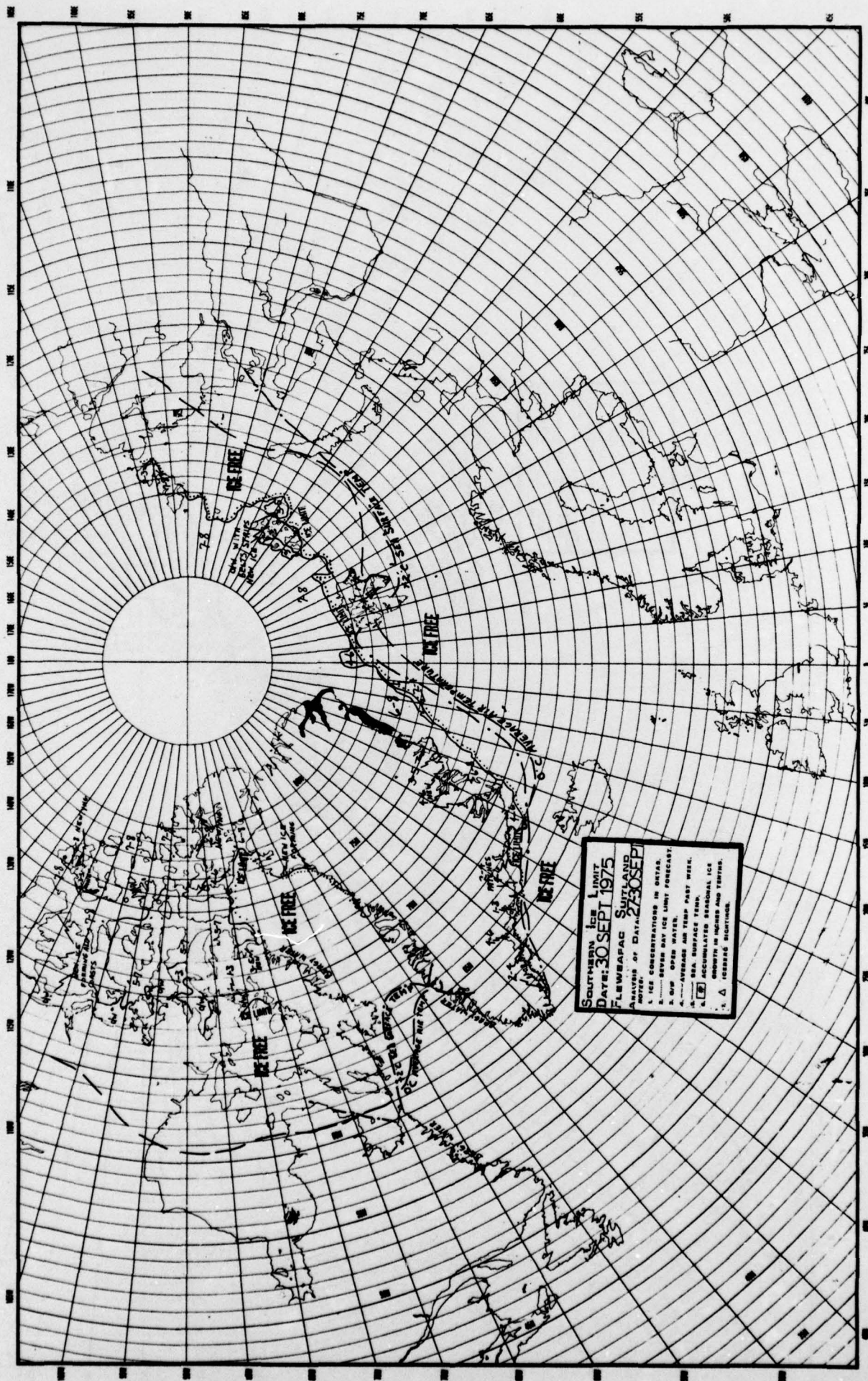
NOTES:
 1. ICE CONCENTRATIONS IN ORTS.
 2. NEVER DAY ICE LIMIT FORECAST.
 3. GIV OPEN WATER.
 4. AVERAGE AIR TEMP PAST WEEK.
 5. SEA SURFACE TEMP.
 6. ACCUMULATED SEASONAL ICE GROWTH IN ORTS AND TENTS.
 7. ICEBERG LOCATIONS.

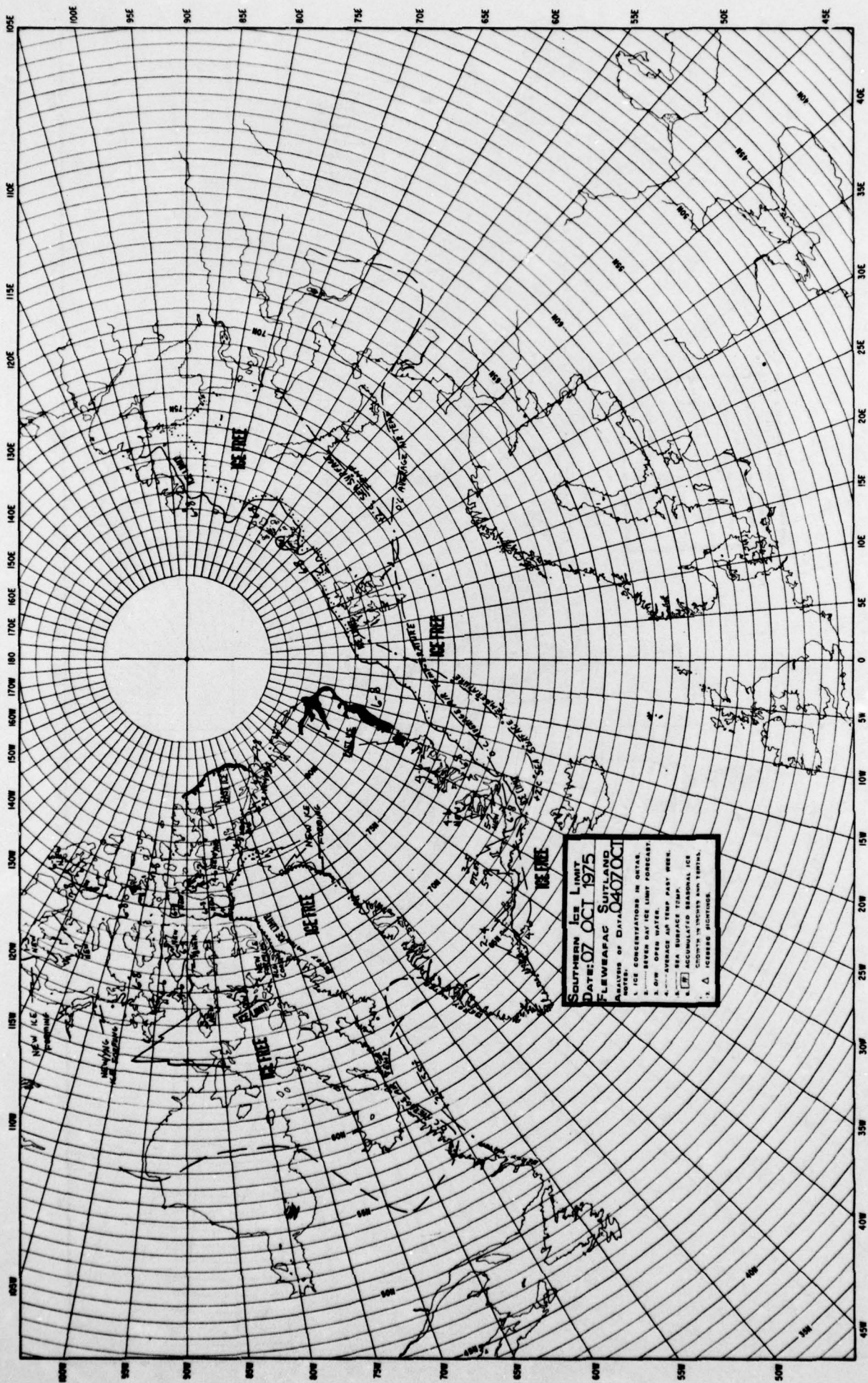






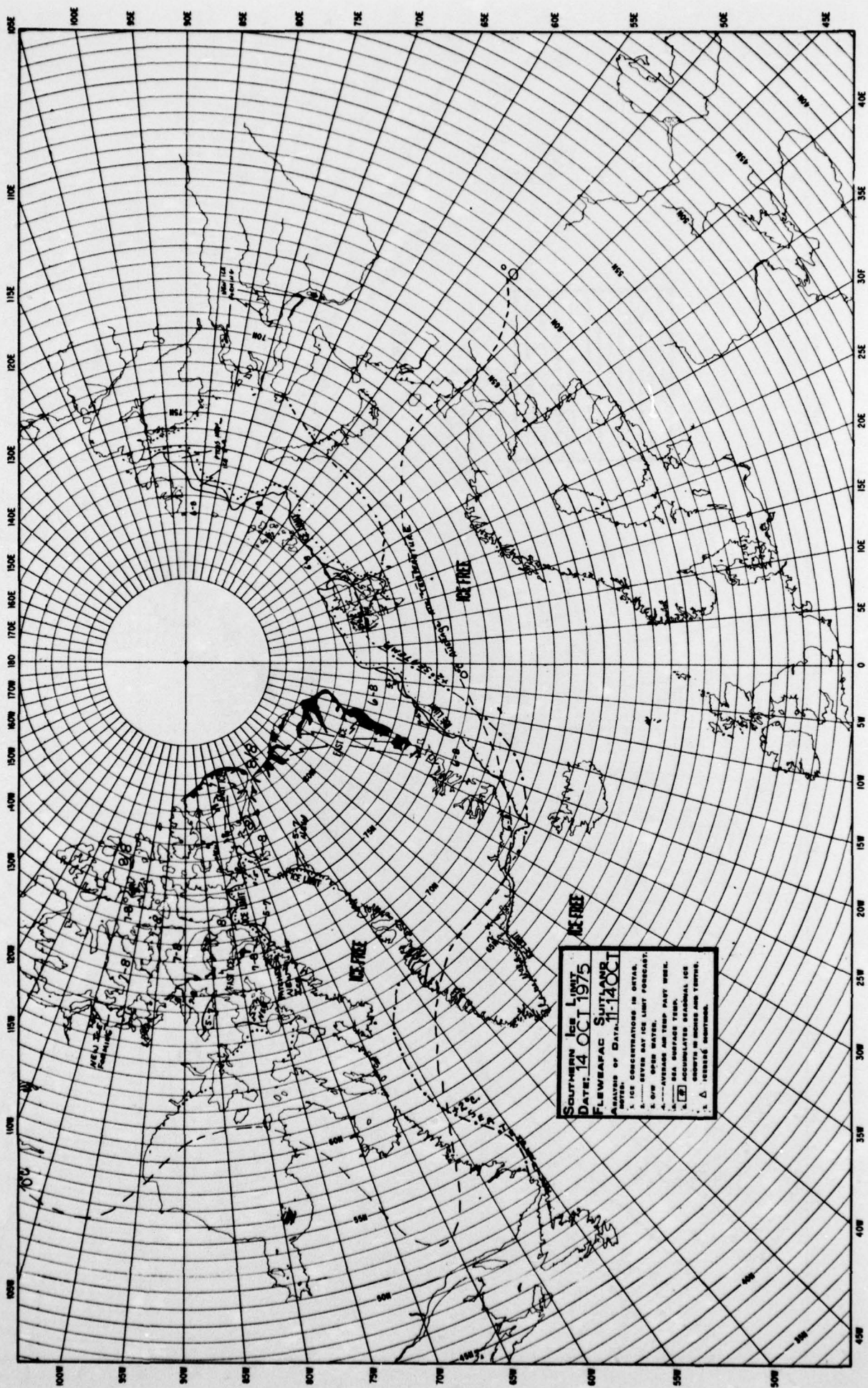


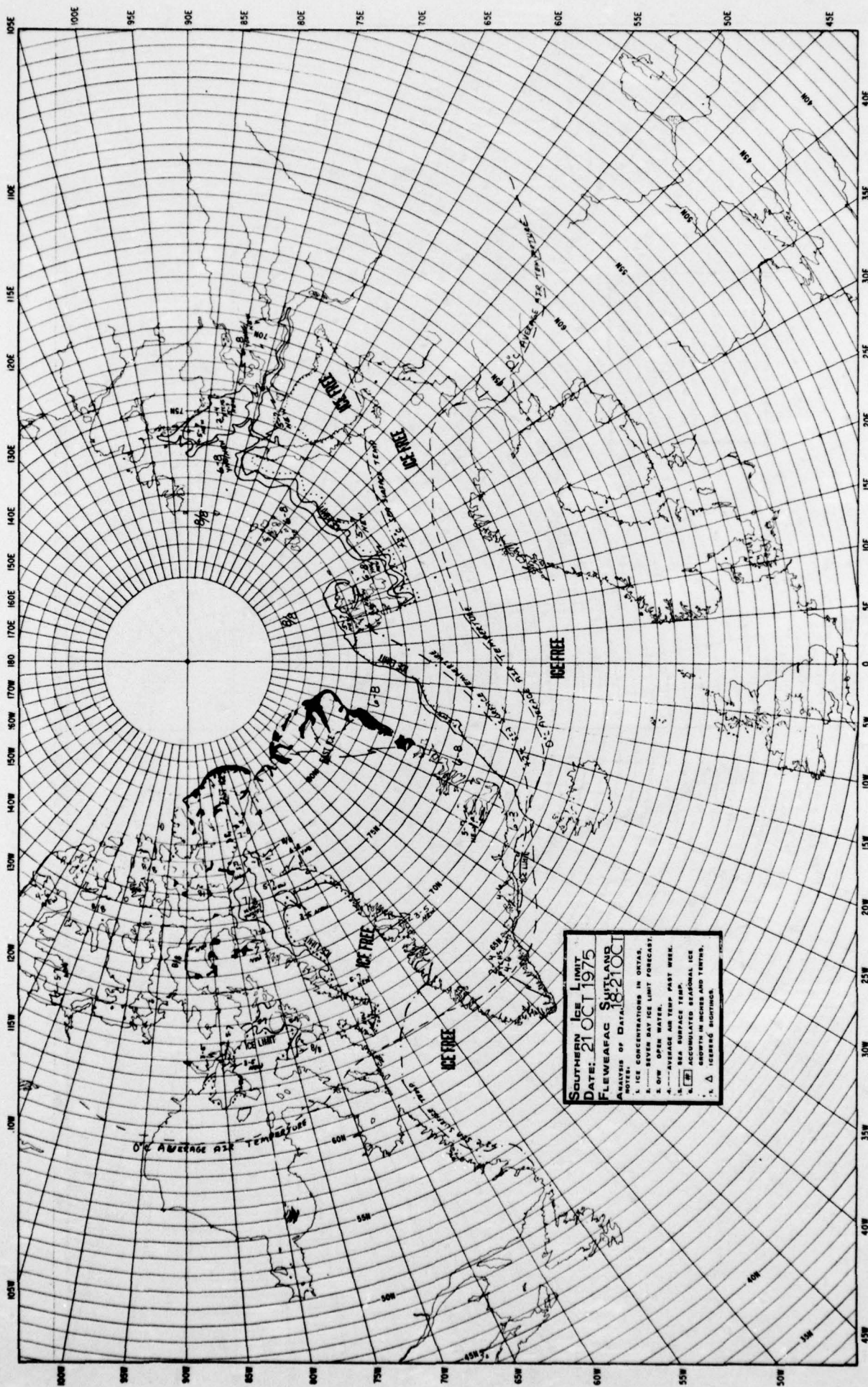


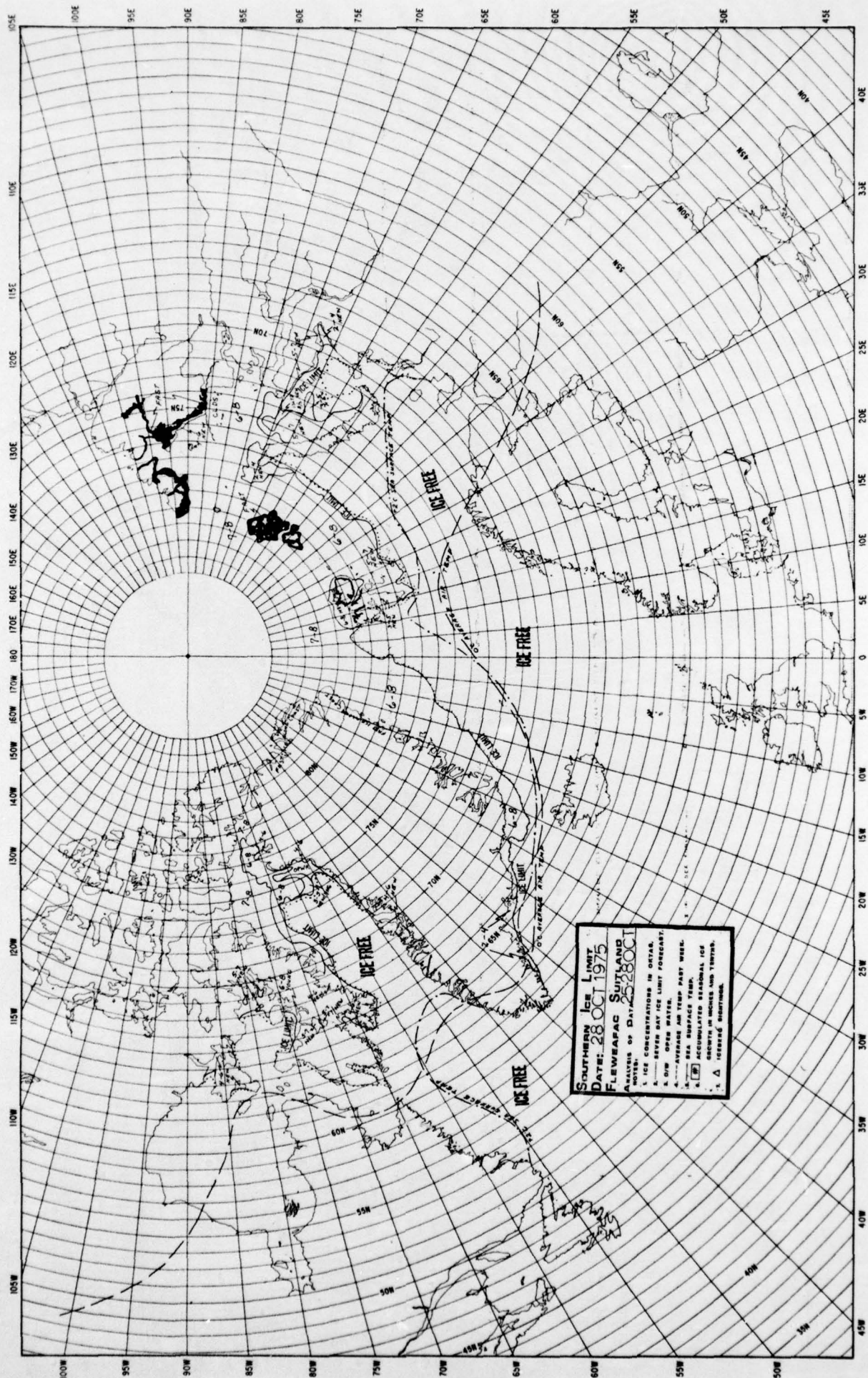


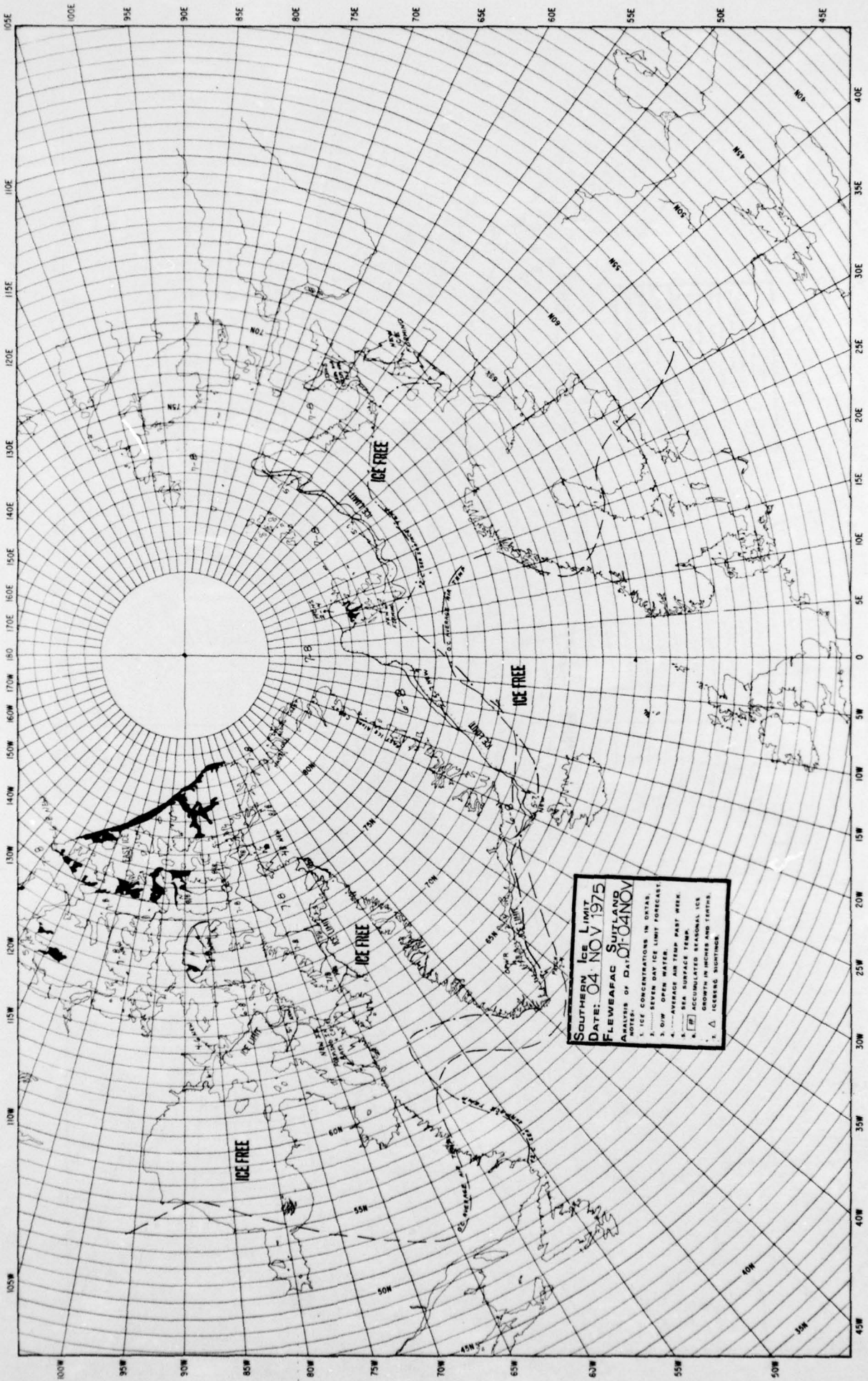
SOUTHERN ICE LIMIT
DATE: 07 OCT 1975
FLEWELFAC SUTLAND
ANALYSIS OF DATA 0407 OCT

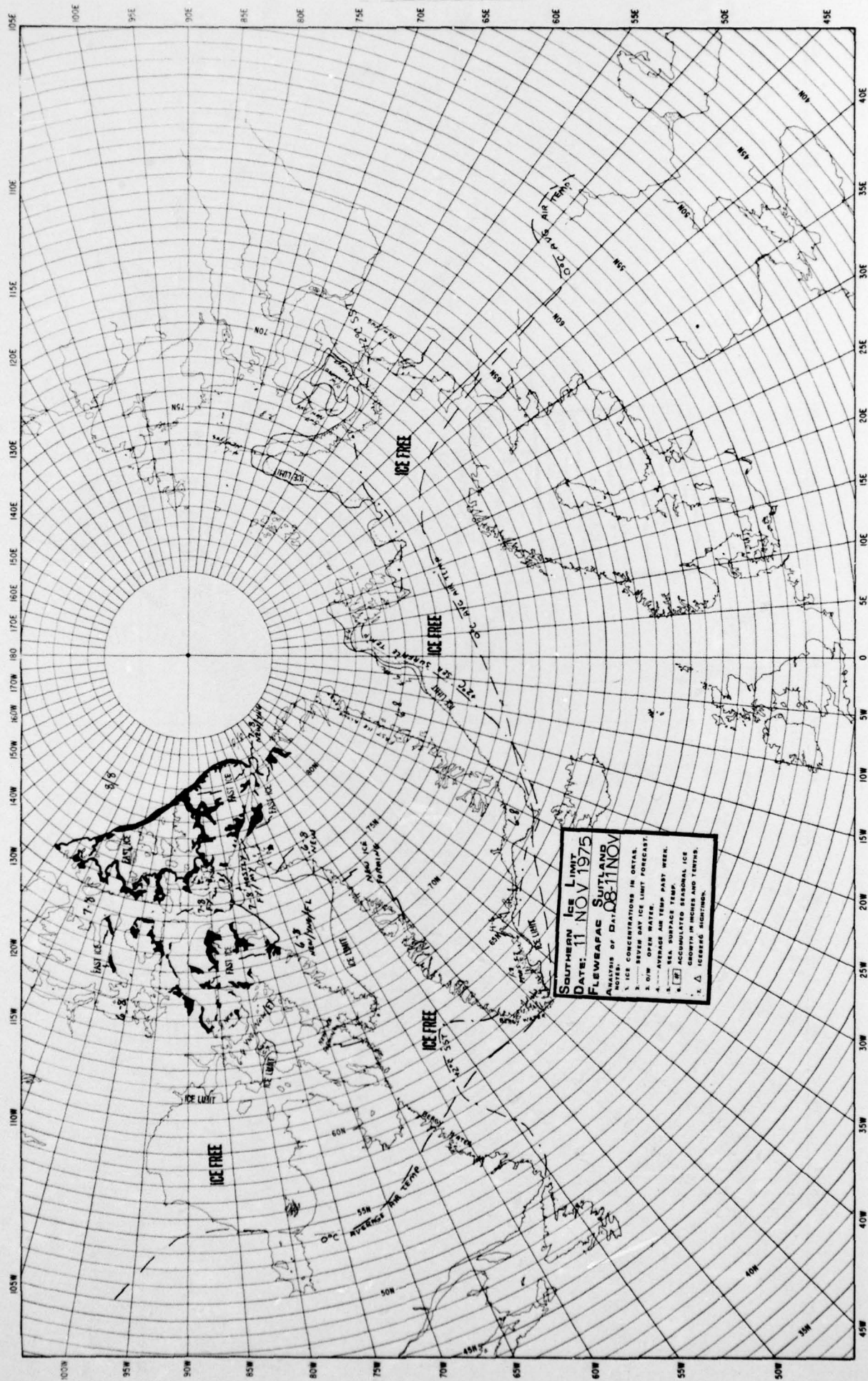
1. [Symbol] ICE CONCENTRATIONS IN OCTAL
2. [Symbol] SEVEN DAY ICE LIMIT FORECAST
3. [Symbol] OPEN WATER
4. [Symbol] SEA SURFACE TEMP.
5. [Symbol] ACCUMULATED SEASONAL ICE
6. [Symbol] GROWTH IN INCHES PER MONTH
7. [Symbol] ICEBERG SIGHTINGS

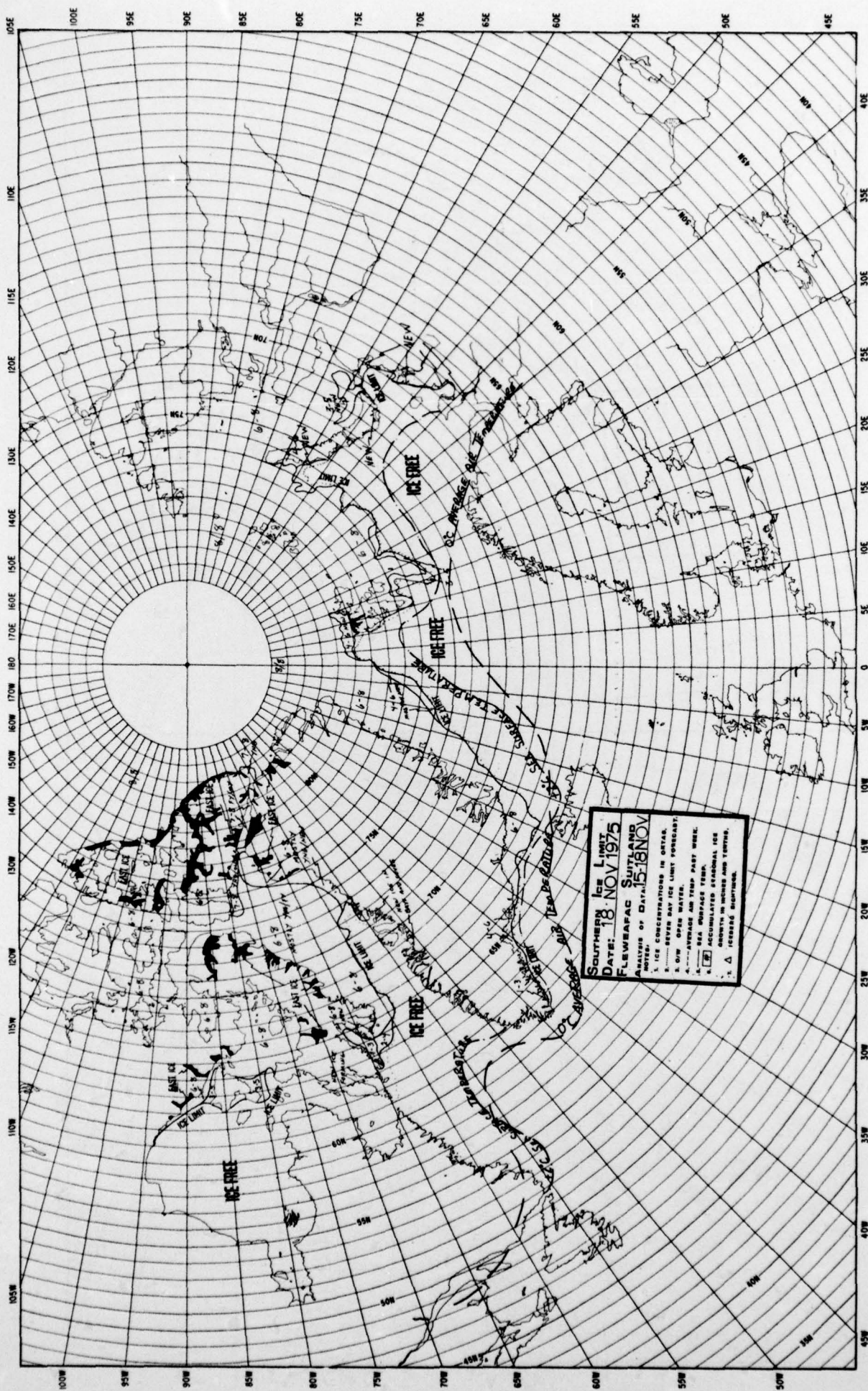


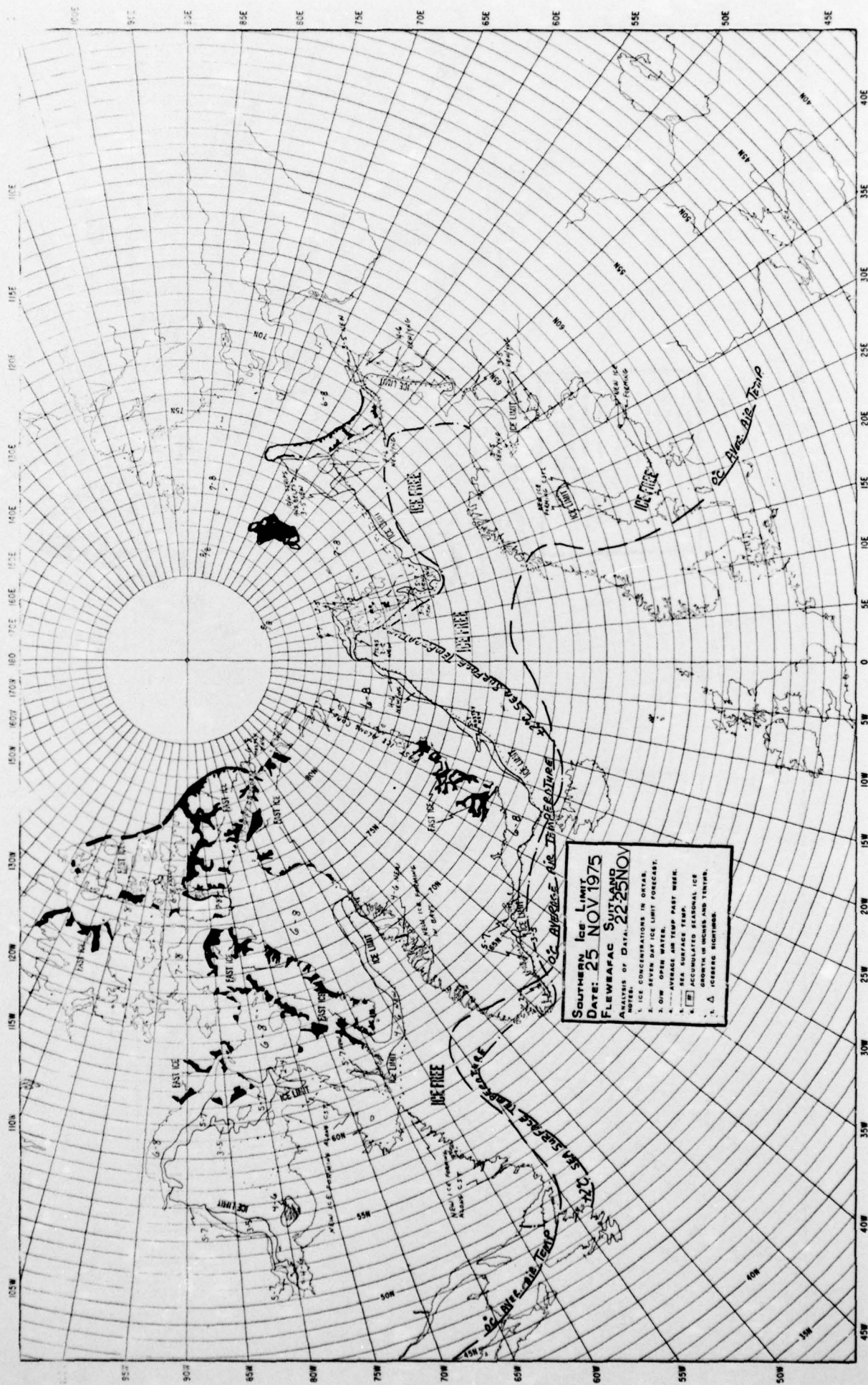


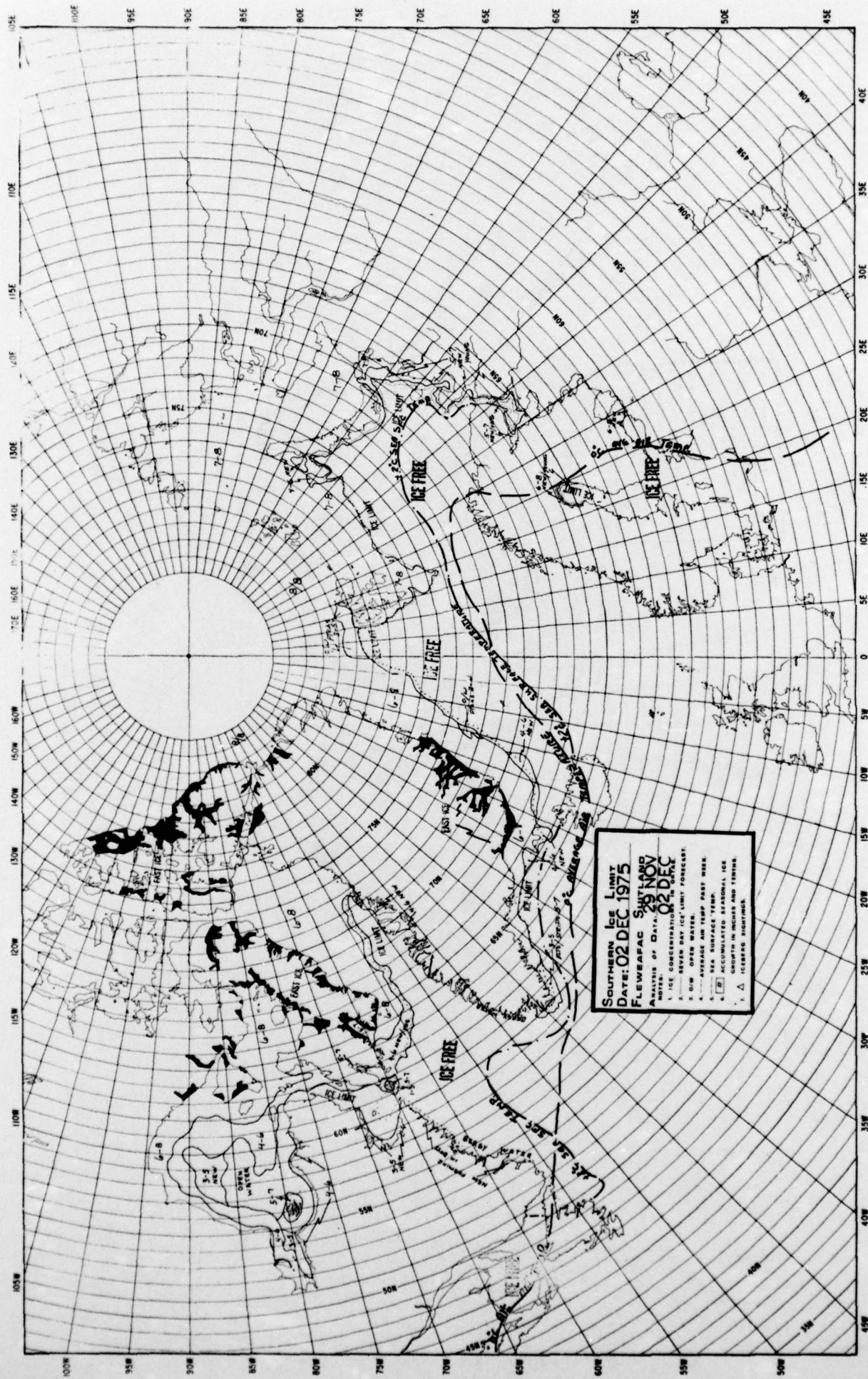






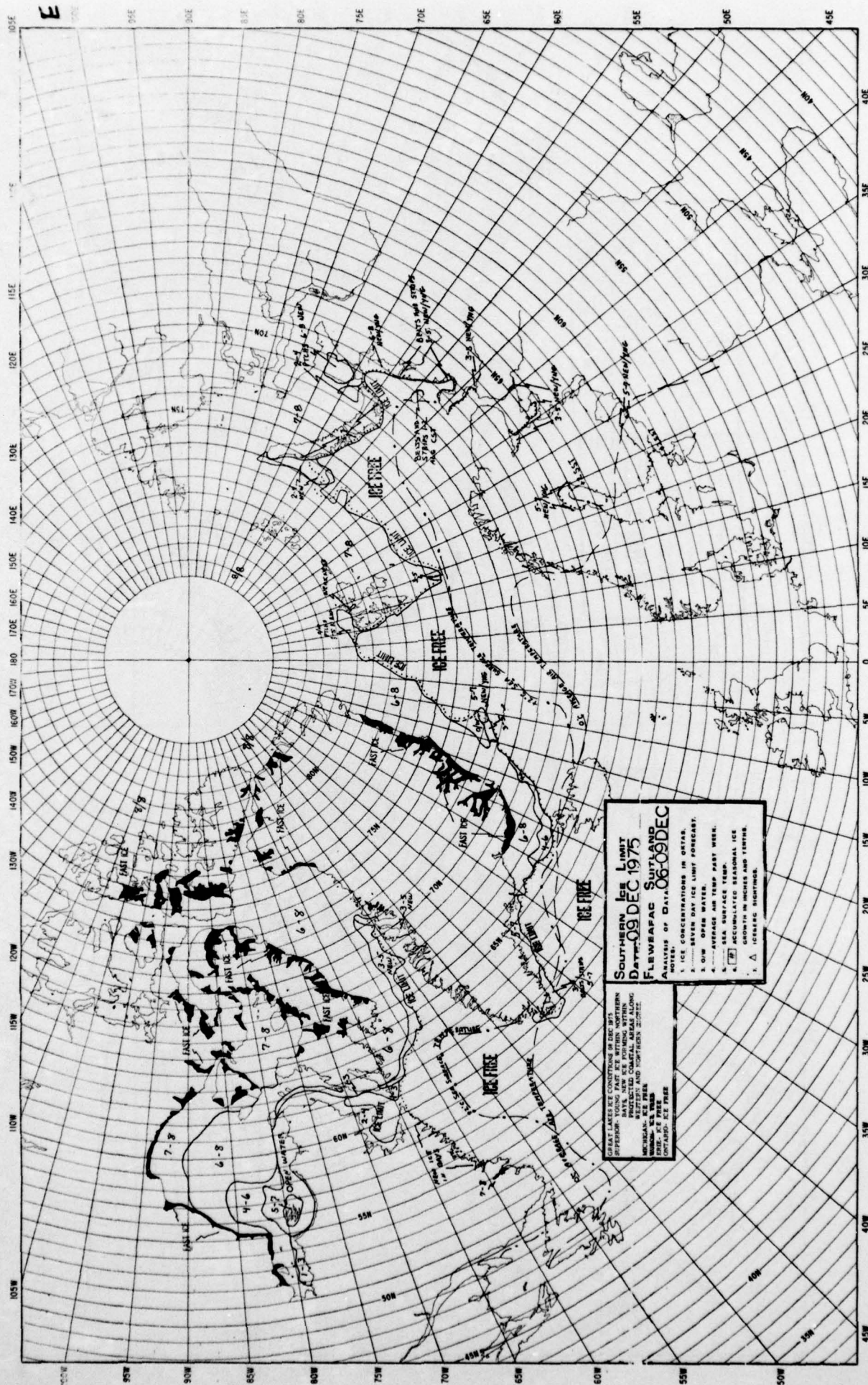


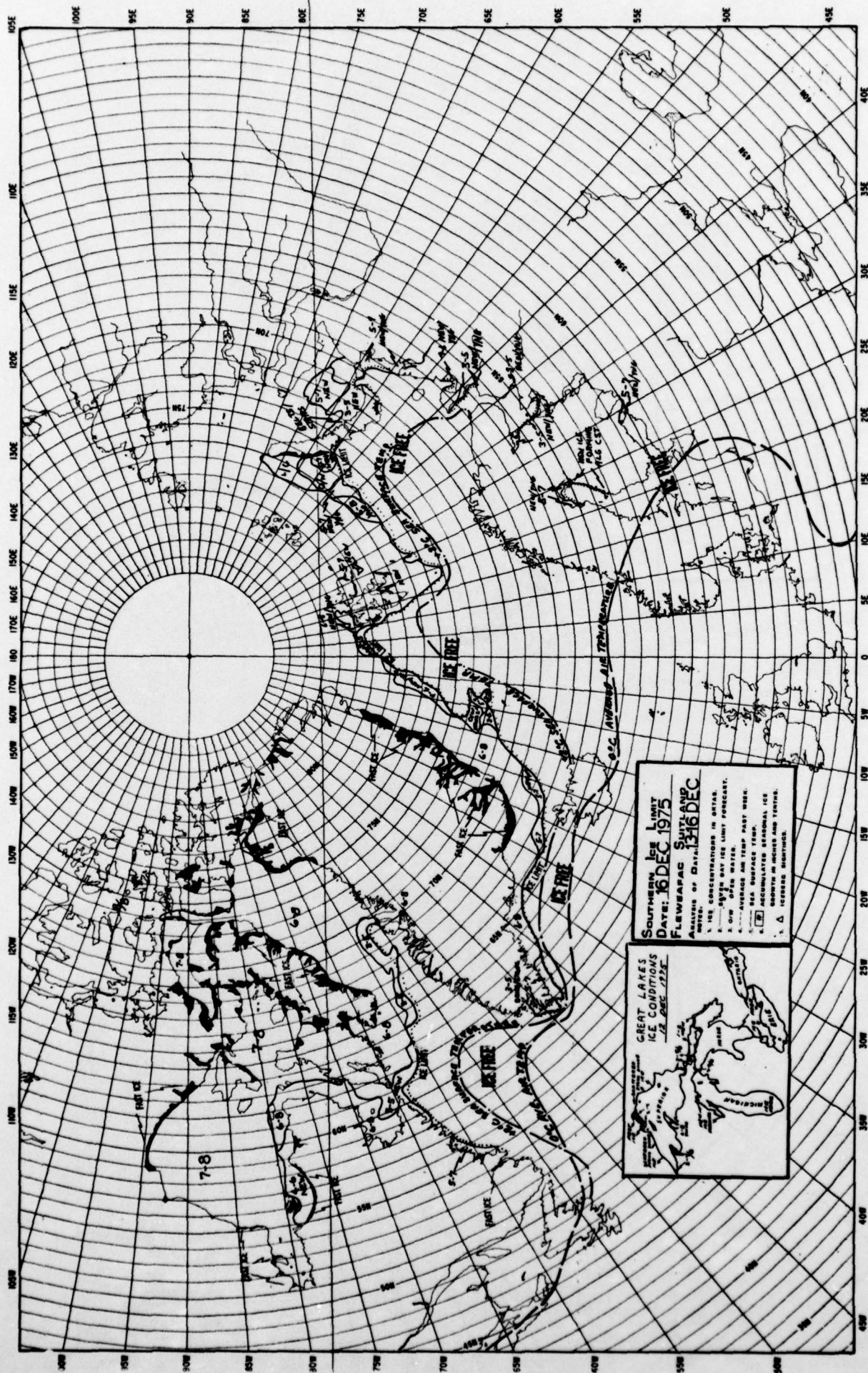




SOUTHERN ICE LIMIT
DATE: 02 DEC 1975
FLEWELAPAC SOUTLAND
ANALYSIS OF DATA: 29 NOV
ICE CONCENTRATION: 02 DEC

1. ICE CONCENTRATION
2. OPEN WATER
3. OPEN WATER
4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP
6. ACCUMULATED AERIAL ICE GROWTH IN INCHES AND TENS
7. ICEBERG SIGHTINGS

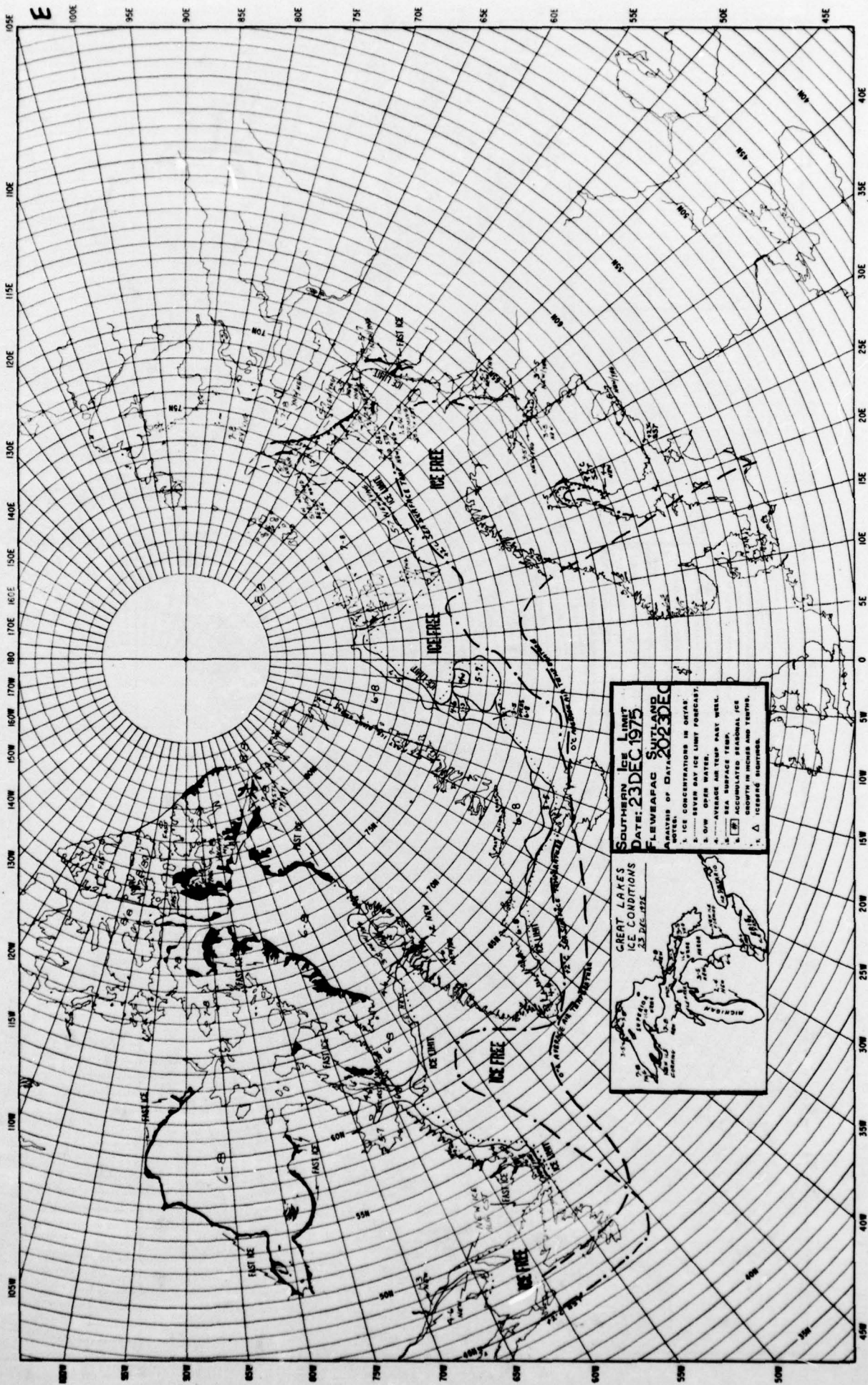




SOUTHERN ICE LIMIT
DATE: 16 DEC 1975
FLWSEAPAC SUTLAVIC
ANALYSIS OF DATA 13H6 DEC

1. ICE CONCENTRATIONS IN DATA
 2. OPEN WATER LIMIT FORECAST
 3. OPEN WATER LIMIT FORECAST
 4. AVERAGE SURFACE TEMP
 5. AVERAGE SURFACE TEMP
 6. ACCUMULATED SEASONAL ICE
 7. GROWTH IN INCHES AND TENTHS
 8. ICEBERG SIGHTINGS





SOUTHERN ICE LIMIT
DATE: 23 DEC 1975
FLEWEAFAC SUTLAND
ANALYSIS OF DATA 2023 DEC

NOTES:

- 1. ICE CONCENTRATIONS IN OCEAN
- 2. ICE BEYOND MAY ICE LIMIT FORECAST
- 3. OCEAN SURFACE TEMPERATURE
- 4. OCEAN SURFACE TEMPERATURE
- 5. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
- 6. ICEBERG SIGHTINGS

